

#### ENV/MoEF&CC/2526/1905

19.05.2025

To,

Deputy Director General of Forest (Central) Regional Office, Western Region, Ministry of Environment, Forest & Climate Change Kendriya Parayavaran Bhavan, Link Road – 3, Ravishankar Nagar, Bhopal – 462016 (M.P.)

Sub: Submission of Environment Clearance Compliance Report (For the period Oct 24 to Mar 25)

Ref: Environment Clearance letter no. J-11011/131/2012/-IA.II(I) dtd 06.02.2024

Respected Sir,

We would like to submit our half yearly EC Compliance report for the period Oct 24 to Mar 25 online on Parivesh Portal along with relevant Annexures. We will also send details of acknowledgment of EC Compliance report along with acknowledgment receipt through email.

Thanking You,

Yours Faithfully, For Lupin Manufacturing Solutions Limited,

MNN

Radhakrishna Shivdavkar Site Head & VP – Technology Transfer & Manufacturing

CC: 1. RO, GPCB, Vadodara 2. CPCB, Vadodara

P. C. Boa BERI Compound

ace Course, Vadodana,

## **Lupin Manufacturing Solutions Limited**

Registered Office: 3<sup>rd</sup> Floor, Kalpataru Inspire, Off W. E. Highway, Santacruz (East), Mumbai - 400 055 India. Tel : (91-22) 6640 2323. Corporate Identity Number: U21001MH2023PLC407210 www.lupin.com

Your (Half Yearly Compliance Report) has been Submitted with following details		
Proposal No	IA/GJ/IND3/451170/2023	
Compliance ID	113126418	
Compliance Number(For Tracking)	EC/M/COMPLIANCE/113126418/2025	
Reporting Year	2025	
Reporting Period	01 Jun(01 Oct - 31 Mar)	
Submission Date	22-05-2025	
RO/SRO Name	Shrawan Kumar Verma	
RO/SRO Email	kr099.ifs@nic.in	
State	GUJARAT	
RO/SRO Office Address	Integrated Regional Offices, Gandhi Nagar	

Note:- SMS and E-Mail has been sent to Shrawan Kumar Verma, GUJARAT with Notification to Project Proponent.

#### ANNEXURE – 1

Group	Sr. No Final Name of Product List		Total Production (TPA)	Actual (Group) (TPA)
		Category - I		
		1-(3-CHLOROPHENYL)-4-(3-		
	1	CHLOROPROPYL)PIPERAZINE		
		HYDROCHLORIDE	-	
	2	BRIVERACETAM-VII	-	
	3	BRIVARACETAM		
	4	ZIPRASIDONE HYDROCHLORIDE		
	5	ILAPRAZOLE	-	
	6	PRASUGREL HYDROCHLORIDE	-	
	7	TENOFOVIR DISOPROXIL FUMARATE	-	
	8	REMDESIVIR		
	9	METFORMIN HYDROCHLORIDE	-	
	10	AZITHROMYCIN DIHYDRATE	_	
Α	11	4-IMINO-3-AMINO RIFAMYCIN-S / IMINO		
~	11	RIFAMYCIN-S	10.00	3.341
	12	DROXIDOPA	_	
	13	MIRABEGRON		
	14	TELMISARTAN		
	15	ILOPERIDONE		
	16	COLESEVELAM HYDROCHLORIDE		
	17	PIOGLITAZONE HYDROCHLORIDE		
	18	DEXLANNSOPRAZOLE		
	19	CICLETANINE HYDROCHLORIDE		
	20	RUFINAMIDE		
	21	RIFABUTIN		
	22	RIVAROXABAN		
	23	APREMILAST/ APREMILAST (Form-M)		
	24	ZIDOVUDINE		
D		Category - II		
В	25	Levetircetam	690.00	66.162
		Category - III		
	26	RIFAXIMIN		
с	27	NIMORAZOLE	-	
	28	QUETIAPINE FUMARATE	125	32.502
	29	FLUPIRTINE MALEATE	-	
		Category - IV		
	30	Mesalamine		
	31	ACOTIAMIDE HYDROCHLORIDE HYDRATE	-	
D	32	CARVEDILOL		22 442
	33	VENLAFLAXINE HYDROCHLORIDE	80	22.442
	34	FEBUXOSTAT	-	
	35	ATAZANAVIR SULFATE	-	

# Production Details as per CC&A: W - 128232 dated 06/09/2023 (Change in Product Mix on basis of no increasing pollution load)

	36	BUPROPION HYDROCHLORIDE		
	37 CELECOXIB			
	38	LANTHANUM CARBONATE DIHYDRATE		
	39 DRONEDARONE HYDROCHLORIDE			
	40 LACOSAMIDE			
	41	FLUPIRTINE BASE		
	42	LURASIDONE HYDROCHLORIDE		
	43	CINACALCET HYDROCHLORIDE		
	44	DABIGATRAN ETEXILATE MESYLATE		
	45	ESLICARBAZEPINE ACETATE		
	46	IRBESARTAN		
	47	OMEPRAZOLE		
	48	MOLNUPIRAVIR		
	49	RIFAPENTINE		
		Category - V		
	50	Pregabaline		
	51	METOPROLOL SUCCINATE		
Е	52	ATORVASTATIN CALCIUM (TRIHYDRATE /		
_		AMORPHOUS)	100	1.941
	53	AMLODIPINE BESYLATE		
	54	FERRIC CITRATE		
	55	SUCROFERRIC OXYHYDROXIDE		
		Category - VI		
	56	TENELIGLIPTIN HYDROBROMIDE HYDRATE		
	57	Azithromycin Monohydrate		
	58	Sevelamer Carbonate		
	59	SEVELAMER HYDROCHLORIDE		
	60	DESVVENLAFAXINE SUCCINATE MONOHYDRATE		
	61	PIRFENIDONE		
F	62	DESVENLAFAXINE BENZOATE		
	63	ESOMEPRAZOLE MAGNESIUM DIHYDRATE	50	18.903
	64	OLMESARTAN MEDOXOMIL		
	65	FENOFIBRATE		
	66	DESLORATADINE		
	67	LANSOPRAZOLE		
	68	PROGLUMETACIN MALEATE		
	69	CYCLOSERINE		
	70	RITONAVIR		
G	71	R&d Pilot plant Trial Run Products (Bulk Drugs and Intermediates)	30	0.050

Group	Sr. No	Total Production (TPA)		
		Category - I		
	1	1-(3-CHLOROPHENYL)-4-(3-		
	1	CHLOROPROPYL)PIPERAZINE HYDROCHLORIDE		
	2	BRIVERACETAM-VII		
	3	BRIVARACETAM		
	4	ZIPRASIDONE HYDROCHLORIDE		
	5	ILAPRAZOLE		
	6	PRASUGREL HYDROCHLORIDE		
	7	TENOFOVIR DISOPROXIL FUMARATE		
	8	REMDESIVIR		
	9	METFORMIN HYDROCHLORIDE		
	10	AZITHROMYCIN DIHYDRATE		
	11	4-IMINO-3-AMINO RIFAMYCIN-S / IMINO		
Α	11	RIFAMYCIN-S	10.00	
	12	DROXIDOPA	10.00	
	13	MIRABEGRON	_	
	14	TELMISARTAN	_	
	15	ILOPERIDONE	_	
	16	COLESEVELAM HYDROCHLORIDE	_	
	17	PIOGLITAZONE HYDROCHLORIDE	_	
	18	DEXLANNSOPRAZOLE		
	19	CICLETANINE HYDROCHLORIDE		
	20	RUFINAMIDE <del>-USP</del>	_	
	21	RIFABUTIN	_	
	22	RIVAROXABAN		
	23	APREMILAST/ APREMILAST (Form-M)	_	
	24	ZIDOVUDINE		
в		Category - II	1	
U	25	Levetircetam	690.00	
		Category - III	1	
	26	RIFAXIMIN		
С	27	NIMORAZOLE	105	
	28	QUETIAPINE FUMARATE	125	
	29	FLUPIRTINE MALEATE		
		Category - IV		
	30	Mesalamine		
	31	ACOTIAMIDE HYDROCHLORIDE HYDRATE	-	
	- 51			
	32	CARVEDILOL		
-	33	VENLAFLAXINE HYDROCHLORIDE	1	
D	34	FEBUXOSTAT	80	
	35	ATAZANAVIR SULFATE		
	36	BUPROPION HYDROCHLORIDE	1	
	37	CELECOXIB	]	
	38	LANTHANUM CARBONATE DIHYDRATE	1	
	39	DRONEDARONE HYDROCHLORIDE	1	

## Production Details as per CTE No. : 125986 dated 10/05/2023 (Change in Product Mix on basis of no increase in pollution load)

	40	LACOSAMIDE	
	41	FLUPIRTINE BASE	
	42	LURASIDONE HYDROCHLORIDE	
43 CINACALCET HYDROCHLORIDE			
	44 DABIGATRAN ETEXILATE MESYLATE		
	45	ESLICARBAZEPINE ACETATE	
	46	IRBESARTAN	
	47	OMEPRAZOLE	
	48	MOLNUPIRAVIR	
	49	RIFAPENTINE	
		Category - V	
	50	Pregabaline	
	51	METOPROLOL SUCCINATE	
E	52	ATORVASTATIN CALCIUM (TRIHYDRATE /	
E	52	AMORPHOUS)	100
	53	AMLODIPINE BESYLATE	
	54	FERRIC CITRATE	
	55	SUCROFERRIC OXYHYDROXIDE	
	Category - VI		
	56	TENELIGLIPTIN HYDROBROMIDE HYDRATE	
	57	Azithromycin Monohydrate	
	58	Sevelamer Carbonate	
	59	SEVELAMER HYDROCHLORIDE	
	60	DESVVENLAFAXINE SUCCINATE	
	60	MONOHYDRATE	
	61	PIRFENIDONE	
F	62	DESVENLAFAXINE BENZOATE	50
	63	ESOMEPRAZOLE MAGNESIUM DIHYDRATE	50
	64	OLMESARTAN MEDOXOMIL	
	65	FENOFIBRATE	
	66	DESLORATADINE	
	67	LANSOPRAZOLE	
	68	PROGLUMETACIN MALEATE	
	69	CYCLOSERINE	
	70	RITONAVIR	
G	71	R&d Pilot plant Trial Run Products (Bulk Drugs	30
G	<sup>71</sup> and Intermediates) 30		30

Group	Sr.	Final Name of Product List	Total
	No		Production (TPA)
		Category - I	
	1	1-(3-Chlorophenyle)-4-(3-	
		Chloropropyle)Piperazine Hydrochloride	
Α	2	1-[4-Chlorophenyl)(Pehnyl)Methyl] Piperazine	
	3	1-Chloro-4-[Chloro(Phenyl)Methyle]Benzene	800
	4	(4-Chlorophenyl)(Phenyl) Methanol	
	5	2-Benzhydrylsulphinylacetic acid	
	6	S-(+)-2-Aminobutramide Hydrochloride	
		Category - II	
	7	1-Amino Indane	
	8	Lacosamide	
	9	4-Imino-3-Amino Rifamycin-S	
	10	Amisulpride	
	11	Flupirtine Maleate	
	12	Quetiapine Fumarate	
В	13	Atorvastatin Calcium	
_	14	Simvastatin	200
	15	Desvenlaflaxine Succinate	
	16	Desvenlafalxine Benzoate	
	17	Prasugrel Hydrochloride	
	18	llaprazole	
	19	Eslicarbazepine Acetate	
	20	Fenofibrate	
	21	Aripiprazole	
		Category - III	
	22	Levetiracetam	
	23	Ranolazine	
	24	Duloxetine Hydrochloride	
	25	Irbesartan	
	26	Venlaflaxine Hydrochloride	
	27	Pentoprazole Sodium	
	28	Amlodipine Besylate	
	29	Levofloxacin	
	30	Esomeprazole Magnesium	
•	31	Pregabalin	
C	32	Olmesartan Medoxomil	300
	33	Candesartan Cilexetil	
	34	Iloperidone	
	35	Febuxostat	
	36	Proglumetacin Maleate	_
	37	Nimorazole	_
	38	Entacapone	_
	39	Itopride Hydrochloride	_
	40	Etiracetam Divectional	_
	41	Rivastigmine	_
	42	Efletirizine	_
	43	Carvedilol	

# Production Details as per F. No. J-11011/131/2012 - IA II (I) dated 06/02/2024

	44	Rasagiline Mesylate	
	45 Pramipexole Dihydrochloride		-
	46	Flupirtine Base	-
<ul> <li>47 Trimethobenzamide Hydrochloride</li> <li>48 Fasudil Hydrochloride</li> <li>49 Ramosetrone Hydrochloride</li> </ul>		-	
		-	
		-	
	50	Lurasidone Hydrochloride	
	51	Cicletanine Hydrochloride	
52 Celecoxib			
	53	Omeprazole Magnesium	-
		Category - IV	
	54	Clopidotrel Bisulfate	
	55	Desloratadine	
	56	Sevelamer Carbonate	
	57	Clindamycin Palmitate Hydrochloride	
	58	Armodafinil	
	59	Azithromycin Monohydrate	
	60	Sertraline Hydrochloride	
	61	Lansoprazole	
	62	Diacereine	
	63	Memantine Hydrochloride	
	64	Eszopiclone	
	65	Tolterodine Tartrate	-
	66	Dronedarone Hydrochloride	
-	67	Fexofenadine Hydrochloride	
D	68	Trazodone Hydrochloride	80
	69	Conivaptan Hydrochloride	
	70	Mirabegron	-
	71	Efavirenz	-
	72	Telmisartan	-
	73	Pioglitazone Hydrochloride	-
	74	Emtricitabine	
	75	Mesalamine	-
	76	Ziprasidone Hydrochloride	
	77	Bazedoxifene Acetate	
	78	Rabeprazole Sodium	
	79	Nabumetone	
	80	Naftopidil	
	81	Tenofovir Disoproxil Fumarate	
	82	Ritonavir	
Е	83	R & D Pilot Plant Trial Run Products (Bulk Drugs	100
E		and Intermediates)	100

#### Annexure 2

# LUPIN MANUFACTURING SOLUTIONS LIMITED (FORMERLY LUPIN LIMITED), DABHASA COMPLIANCE REPORT [PERIOD APR 24 TO SEP 24] ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I) DATED 06.02.2024



Sr. NO.	CONDITIONS	COMPLIANCE
A	SPECIFIC CODITIONS:	
i)	National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended time to time shall be followed by the unit.	<b>COMPLIED.</b> Applicable Condition of National Emission Standards for Organic Chemicals Manufacturing Industry, G.S.R. 608(E) dated 21st July 2010 are followed. The unit is zero liquid discharge (ZLD) & the recycled water is consumed in utilities. Kindly note that we do not have in-house incinerator. Our storm drains are totally segregated from effluent transferring system. The effluent transferring system is through pumping mechanism only. At the outlet of premises guard pond has been constructed to control and prevent contaminated water (if any) to flow outside the premises & return back to ETP.
ii)	Stack of adequate height shall be provided to oil fired boiler 4, boiler 5 and thermic fluid heater (TFH-2) to disperse waste gases into atmosphere as per CPCB/SPCB guidelines.	<b>COMPLIED.</b> Adequate stack height is provided for currently installed TFH and boilers. They are having stack height of 30 meters respectively. 2 nos. Boilers (1 TPH & 5 TPH) & 1 no. TFH were replaced by 6 TPH Briquette fired boiler. Boiler 4 & 5 are not yet installed. The stack heights as mentioned in REIA will be provided when stacks for proposed boilers are installed.
iii)	Scrubber shall be provided to control process emissions viz. HCl, SO2, NH3, NO, Bromine and Ethyl Chloride. The scrubbing media shall be sent to effluent treatment plant (ETP) for treatment. Efficiency of scrubber shall be monitored regularly and maintained properly. At no time, the emission levels shall go beyond the prescribed standards.	<b>COMPLIED.</b> Adequate number of scrubbers provided to control process emissions. Effluent generated from scrubber is sent to ETP. We ensure that all gaseous emissions & particulate matters from process units conform to the standards as laid down by the concerned authorities. Further, on-line pH meters on scrubbers have been installed for better control on pH of scrubber media. Scrubber monitoring data by MoEF&CC approved laboratory along with summary is attached as <b>Annexure-A</b>

## LUPIN MANUFACTURING SOLUTIONS LIMITED (FORMERLY LUPIN LIMITED), DABHASA

**COMPLIANCE REPORT** 

[PERIOD APR 24 TO SEP 24]

ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I)

DATED 06.02.2024

Sr. NO.	CONDITIONS	COMPLIANCE
iv)	Ambient air quality data shall be collected as per NAAQES standards notified by the Ministry vide G.S.R. No. 826(E) dated 16th September, 2009. The levels of PM2.5, PM10, SO2, NOx, VOC, CO, NH3 and HCl shall be monitored in the ambient air and emissions from the stacks and displayed at a convenient location near the main gate of the company and at important public places. The company shall upload the results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the Gujarat Pollution Control Board (GPCB).	<b>COMPLIED.</b> Ambient air quality monitoring in the company is being carried out by MoEF&CC approved laboratory. Ambient air monitoring data by MoEF&CC approved laboratory along with summary is attached as <b>Annexur-B</b> We have also installed the continuous ambient air quality monitoring station. <b>Annexure-B:</b> Photograph of Ambient Air Quality Monitoring Station.
v)	In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall conform to the limits stipulated by the GPCB.	<ul> <li>COMPLIED.</li> <li>All majority of chemicals are transferred through closed loop systems. Controlling measures such as vent condensers, scrubbing mechanism are installed in manufacturing processes.</li> <li>Following steps have been taken to control the fugitive emissions:</li> <li>1. All the equalisation tanks are covered from top and scrubber mechanism is provided.</li> <li>2. High pressure Odour suppressant system is provided on bioreactors &amp; sludge handling areas.</li> <li>3. Underground high COD open tanks are demolished and replaced with above ground high COD (closed) tanks.</li> <li>4. All solvents are handled in close system.</li> <li>5. All reactors have double stage condensers.</li> <li>6. All pumps &amp; pipelines are maintained as per preventive schedule and checked periodically and whenever required.</li> </ul>



## LUPIN MANUFACTURING SOLUTIONS LIMITED (FORMERLY LUPIN LIMITED), DABHASA COMPLIANCE REPORT [PERIOD APR 24 TO SEP 24] ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I) DATED 06.02.2024



Sr. NO.	CONDITIONS	COMPLIANCE
vi)	For further control of fugitive emissions, following steps shall be followed : 1. Closed handling system shall be provided for chemicals. 2. Reflux condenser shall be provided over reactor. 3. System of leak detection and repair of pump/pipeline based on preventive maintenance. 4. The acids shall be taken from storage tanks to reactors through closed pipeline. Storage tanks shall be vented through trap receiver and condenser operated on chilled water. 5. Cathodic protection shall be provided to the underground solvent storage tanks.	<ul> <li>7. Breather valves, Flame arrestors &amp; vent condensers have been provided for solvent storage tanks.</li> <li>Fugitive emissions in the work area are regularly monitored.</li> <li>Work Area monitoring data is attached as Annexure-C</li> <li>Annexure-C: Photograph of Equalisation tank covered &amp; provided with Scrubber mechanism, Odour suppressant system (fugitive emissions), Above ground high COD (closed) tanks, Flame Arrestor &amp; Vent condensers.</li> <li>COMPLIED.</li> <li>For further control of fugitive emissions, following steps followed;</li> <li>Closed handling system provided for chemicals. Reflux condenser provided over reactor. System of leak detection and repair of pump/pipeline based on preventive maintenance. The acids taken from storage tanks to reactors through closed pipeline.</li> <li>Storage tanks vented through trap receiver and condenser operated on chilled water.</li> <li>We have removed all the underground solvent storage tanks were installed.</li> </ul>
vii)	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	COMPLIED. Stack of adequate height are provided for DG Sets. Installed acoustic enclosures for DG Sets. Stack height of 1010 KVA is 30 meters, while 320 KVA & 600 KVA is 10 meters. Annexure-D: Photograph of Acoustic enclosure of D. G. Set.
viii)	Solvent management shall be carried out as follows :	COMPLIED.

# LUPIN MANUFACTURING SOLUTIONS LIMITED (FORMERLY LUPIN LIMITED), DABHASA COMPLIANCE REPORT

[PERIOD APR 24 TO SEP 24]

ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I)

DATED 06.02.2024

Sr. NO.	CONDITIONS	COMPLIANCE
	<ol> <li>Reactor shall be connected to chilled brine condenser system.</li> <li>Reactor and solvent handling pump shall have mechanical seals to prevent leakages.</li> <li>The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.</li> <li>Solvents shall be stored in a separate space specified with all safety measures.</li> <li>Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.</li> <li>Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.</li> <li>All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.</li> </ol>	<ul> <li>The company have taken following steps for solvent management:</li> <li>Reactors are connected with double-stage condensers; the vent condensers are supplied with chilled brine / chilled water to minimize vapour loss.</li> <li>All solvent handling pumps with mechanical seal have been installed.</li> <li>All condensers with sufficient HTA &amp; residence time are provided.</li> <li>All solvents are stored separately in dedicated tank farms having all safety precautions.</li> <li>Proper earthing is provided in all the electrical equipment wherever solvent handling is done.</li> <li>Plant equipment, including tank farms are flame-proof, breather valve are provided on solvent tanks.</li> <li>Solvent storage tank are connected with vent condenser with chilled brine circulation.</li> </ul>
ix)	Total fresh water requirement from ground water source shall not exceed 711m3/day and prior permission shall be obtained from the CGWA/SGWA and prior permission shall be obtained from the CGWA/SGWA.	<b>COMPLIED.</b> Renewal of NOC for withdrawal of groundwater received through letter no. CGWA/NOC/IND/REN/3/2023/8449 dated <u>06.07.2023</u> valid upto <u>05.07.2026</u> . Copy of CGWA NOC as <b>Annexure-Q</b> . Fresh water consumption from Apr 24 to Sep 24 is 193.152 m3/day.
x)	The Company shall ensure zero liquid effluent discharge from the entire unit after expansion through the treatment scheme comprising segregation of effluent streams into high COD/TDS and low COD/TDS effluent stream, MEE, biological treatment, RO etc. Condensate and recover water will be recycled/reused within factory premises.	<b>COMPLIED.</b> Zero Liquid Discharge implemented & same is in regular operation. It consists of RO, MEE, ATFD. Recovered water is recycled & reused back in utilities. <b>Annexure-E:</b> Photograph of Reverse Osmosis (RO) & Multi-Effect Evaporator (MEE).



# LUPIN MANUFACTURING SOLUTIONS LIMITED (FORMERLY LUPIN LIMITED), DABHASA COMPLIANCE REPORT [PERIOD APR 24 TO SEP 24]

ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I)



Sr. NO.	CONDITIONS	COMPLIANCE
xi)	'Zero' effluent discharge shall be adopted and no effluent shall be discharged outside the premises.	<b>COMPLIED.</b> Effluent is treated in ETP followed by RO, MEE and ATFD. Recovered water is recycled and reused in utilities.
xii)	Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	COMPLIED. All domestic & storm water drains have been segregated. Guard Pond constructed wherein the storm drain passes through the same. Annexure-F: Photograph of Guard pond at the final outlet of storm drain.
xiii)	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm. Solvent transfer shall be by pumps.	<b>COMPLIED.</b> Hazardous chemicals are stored in tanks, tank farms, drums, carboys, etc. with adequate precautions. Flame arresters provided on tank farm. Solvents are transferred through pumps. <b>Annexure-G:</b> Photograph of flame arresters on storage tanks.
xiv)	As proposed, process organic residue and spent carbon shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF. The ash from boiler shall be sold to brick manufacturers/cement industry.	<b>COMPLIED.</b> Process organic waste & spent carbon are sent to cement industries / TSDF / waste mixing facility authorised by SPCB. ETP sludge, process-inorganic salts and ATFD salts are sent to TSDF. As applied in letter dated 14.09.15, we do not have a coal fuel boiler, hence fly ash from boiler to brick manufacturer is not applicable. Manifest copy of waste disposal dtd. 28.09.2024 (for the said period) is enclosed here as <b>Annexure-H</b> .
xv)	The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans- Boundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from GPCB shall be obtained for disposal of solid / hazardous waste in the TSDF.	COMPLIED. Combined consent & amended received on 06.09.2023 CCA- W-128232 & A-132171, valid till 30.09.2025. CCA copy attached along with new CC&A issued on name of Lupin Manufacturing Solutions Limited as Annexure-I. Fire hydrant & sprinkler system installed for firefighting in case of emergency.



## LUPIN MANUFACTURING SOLUTIONS LIMITED (FORMERLY LUPIN LIMITED), DABHASA COMPLIANCE REPORT [PERIOD APR 24 TO SEP 24] ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I)

DATED 06.02.2024



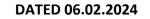
#### Sr. CONDITIONS COMPLIANCE NO. Measures shall be taken for fire fighting facilities in case of emergency. xvi) The Company shall strictly comply with the COMPLIED. rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989. xvii) Fly ash should be stored separately as per Complied. CPCB guidelines so that it should not We have separate close room with adversely affect the air quality, becoming adequate storage capacity. Sprinkle water air borne by wind or water regime during for avoid dusting during dry season. We rainy season by flowing along with the have eliminated the chances of travel ash storm water. Direct exposure of workers to with wind or water during rainy season. fly ash & dust should be avoided. xviii) The company shall undertake following COMPLIED. waste minimization measures :-The company has active program for waste a. Metering and control of quantities of minimization like maximizing reuse of solvents active ingredients to minimize waste. in processes, metering of b. Reuse of by-products from the process as quantities of active ingredients, closed feed raw materials or as raw material systems, etc. substitutes in other processes. c. Use of automated filling to minimize spillage. d. Use of Close Feed system into batch reactors. e. Venting equipment through vapour recovery system. f. Use of high pressure hoses for equipment cleaning to reduce wastewater generation. xix) The unit shall make the arrangement for COMPLIED. protection of possible fire hazards during All precautions with respect to fire manufacturing process material prevention & control are taken at site. We in handling. Fire fighting system shall be as have ensured hazardous area classification, per the norms. earthing, bonding, procedure control and training. Robust & full fledge firefighting system is in place to control any emergencies at site. Occupational health surveillance of the COMPLIED. xx) workers shall be done on a regular basis

## LUPIN MANUFACTURING SOLUTIONS LIMITED (FORMERLY LUPIN LIMITED), DABHASA COMPLIANCE REPORT [PERIOD APR 24 TO SEP 24] ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I) DATED 06.02.2024



Sr. NO.	CONDITIONS	COMPLIANCE		
	and records maintained as per the Factories Act. Occupational health section to be strengthening by employing a full time Doctor.	Occupational health surveillance of the workers (Annual medical check up and pre- employment medical check up) is carried out on a regular basis as per section-41-C of the Factories Act and Rule-68-T of Gujarat Factories Rules and records are maintained. Sample copy of health report is attached for reference as <b>Annexure-J</b> . Company has a manned OHC along with full time doctor (FMO) for occupational health surveillances. <b>Annexure-J:</b> Photograph of OHC facility.		
xxi)	Greenbelt around process area to be increased. As proposed, green belt over 33 % of the total project area shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	<b>COMPLIED.</b> We have developed Greenbelt in the facility and the same is being consistently strengthened. We have developed greenbelt 33% of total project area within plant premises. <b>Annexure-K:</b> Photograph of green belt.		
xxii)	All the commitment made regarding issues raised during the Public Hearing/ consultation meeting held on 17th January, 2014 shall be satisfactorily implemented.	<b>COMPLIED.</b> Lupin is committed to enhance the regional development by focussing on CSR activities. The same shall be continued further. Employment direct / indirect is also done from the nearby village. In the public hearing /consultation, there were no direct commitments required on Lupin part. The outcomes were generalistics wherein it is discussed about CSR activities, employment and improvement in surrounding area in terms of infrastructure for Education, Fire station, Hospital, water availability, etc. Status of public hearing commitment already submitted earlier along with EC compliance report. <b>Annexure-L:</b> Photograph of CSR activities		

# LUPIN MANUFACTURING SOLUTIONS LIMITED (FORMERLY LUPIN LIMITED), DABHASA COMPLIANCE REPORT [PERIOD APR 24 TO SEP 24] ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I)



Sr. NO.	CONDITIONS	COMPLIANCE
xxiii)	At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office at Bhopal. Implementation of such program shall be ensured accordingly in a time bound manner.	<b>COMPLIED.</b> The company is obligated to spend a percentage of its net profit on CSR activities. This allocated amount is utilized in CSR activities all across the country. The amount spent for CSR for the year 2023-24 in Rs. 256 Million. We have initiated various projects from this fund and continued further.
xxiv)	For rain water harvesting from roof top a separate drain line may be constructed upto the recharge well. The Company may also explore the possibility of providing surface water storage to the extent possible for their process use.	<ul> <li>COMPLIED.</li> <li>Roof top rain water harvesting has already been implemented at site. The rain water is collected, screened / filtered and recharged.</li> <li>Additionally rain water harvesting has been done in the surrounding area villages.</li> <li>Annexure-M: Photograph of surrounding villages rain water harvesting.</li> <li>1. RanuKanya School – Roof Water</li> <li>2. Dabhasa English School – Roof Water</li> <li>3. Ground Water Recharge well in Chittral Lake</li> <li>4. Ground Water Recharge well in Umraya Lake</li> <li>5. Ground Water Recharge well in Dabhasa Lake</li> <li>6. Check Dam in Shanpur village</li> </ul>
xxv)	The Company shall submit within three months their policy towards Corporate Environment Responsibility which shall inter-alia address (i) Standard operating process/ procedure to being into focus any infringement/deviation/violation of environmental or forest norms/conditions, (ii) Hierarchical system or Administrative order of the Company to deal with environmental issues and ensuring compliance to the environmental clearance conditions and (iii) System of reporting of non compliance/violation environmental	<ul> <li>6. Check Dam in Shanpur village</li> <li>COMPLIED.</li> <li>The company gives maximum importance to regulatory compliance, and the same is demonstrated in EHS policy signed by the Managing Director attached as Annexure-N. We have implemented ISO 14001 &amp; 45001 (Environment &amp; Safety Management System) at our site for strengthening of EHS management system further.</li> </ul>



# LUPIN MANUFACTURING SOLUTIONS LIMITED (FORMERLY LUPIN LIMITED), DABHASA **COMPLIANCE REPORT** [PERIOD APR 24 TO SEP 24] ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I)



Sr. NO.	CONDITIONS	COMPLIANCE		
	norms to the Board of Directors of the company and/or stakeholders or shareholders.			
xxvi)	Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.	n colony proposed at project site. s e e f f r e o		
	GENERAL CONDITIONS:			
i)	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any other statutory authority.	<b>Noted.</b> All the recommendations of Gujarat Pollution Control Board shall be adhered during the implementation phase of project.		
ii)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	<b>Noted.</b> For any further expansion prior permission will be taken and there is no deviations or alterations in the project proposal.		
iii)	The locations of ambient air quality monitoring stations shall be decided in consultation with the Gujarat Pollution Control Board (GPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	<b>COMPLIED.</b> Ambient air quality is monitored regularly and the same shall be continued. The reports of the same are submitted to GPCB, CPCB and Ministry of Environment, Forest & Climate change. We have also installed the continuous ambient air quality monitoring station.		

DATED 06.02.2024

#### Annexure 2

# LUPIN MANUFACTURING SOLUTIONS LIMITED (FORMERLY LUPIN LIMITED), DABHASA COMPLIANCE REPORT [PERIOD APR 24 TO SEP 24] ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I) DATED 06.02.2024



Sr. NO.	CONDITIONS	COMPLIANCE		
		Ambient air monitoring data by MoEF&CC approved laboratory along with summary is attached as <b>Annexure-B</b>		
iv)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	COMPLIED. The overall noise levels in and around the plant area is kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels is under the standards prescribed under Environment Protection act, 1986 Rules, 1989 viz. 75 dBA (day time) & 70 dBA (night time). Equipments generating high noise are equipped with Acoustic enclosures; regular maintenance, lubrication and vibration pads are assured for such sources. Noise monitoring data by MoEF&CC approved laboratory is attached as Annexure-D COMPLIED. Roof top rain water harvesting has already been implemented at site. The rain water is collected, screened / filtered and recharged. Additionally rain water harvesting has been done in the surrounding area villages. Annexure-M: Photograph of surrounding villages rain water harvesting system. 1. RanuKanya School – Roof Water 2. Dabhasa English School – Roof Water 3. Ground Water Recharge well in Chittral Lake 4. Ground Water Recharge well in Umraya Lake		
v)	The Company shall harvest rainwater from the roof-tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.			

#### Annexure 2

# LUPIN MANUFACTURING SOLUTIONS LIMITED (FORMERLY LUPIN LIMITED), DABHASA COMPLIANCE REPORT [PERIOD APR 24 TO SEP 24] ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I) DATED 06.02.2024



Sr. NO.	CONDITIONS	COMPLIANCE			
		<ol> <li>Ground Water Recharge well in Dabhasa Lake</li> <li>Check Dam in Shanpur village</li> </ol>			
vi)	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.				
vii)	Usage of Personnel Protection Equipments by all employees/ workers shall be ensured.	<b>COMPLIED.</b> Personnel protective equipment are provided to all persons, wherever applicable.			
viii)	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	<b>COMPLIED.</b> Training is imparted regularly to all employees for safety and health aspects of chemicals handling, firefighting etc. Mock drill is also carried out at regular interval. Training records of the same are maintained. Pre-employment and routine periodical medical examinations for all employees and workers are carried out on regular basis and medical records are maintained. Sample copy of health report is attached for reference as <b>Annexure-J.</b>			
ix)	The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing	<b>COMPLIED.</b> We are committed to comply all the environmental protection measures and safeguards during proposed expansion. EMP, Risk mitigation measures, recommendations in RIEA and points of			

## LUPIN MANUFACTURING SOLUTIONS LIMITED (FORMERLY LUPIN LIMITED), DABHASA COMPLIANCE REPORT [PERIOD APR 24 TO SEP 24] ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I) DATED 06.02.2024



Sr. NO.	CONDITIONS	COMPLIANCE			
	relating to the project shall be implemented.	public hearing proceedings are compiled and reviewed at regular intervals.			
x)	The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.	<b>COMPLIED.</b> The company is obligated to spend a percentage of its net profit on CSR activities. This allocated amount is utilized in CSR activities all across the country. The amount spent for CSR for the year 2023-24 in Rs. 256 Million. We have initiated various projects from this fund and continued further.			
xi)	The company shall undertake eco- developmental measures including community welfare measures in the project area for the overall improvement of the environment.	<b>COMPLIED.</b> Eco-developmental measures including community welfare are part of our CSR programme. <b>Annexure-L</b> : Photographs of CSR activities.			
xii)	A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	COMPLIED. Company has separate Environment Management Cell equipped with full-fledge laboratory facility to carry out environment management & monitoring function. The structural hierarchy of the Environment Management Cell is attached here as Annexure-O.			
xiii)	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	<b>COMPLIED.</b> Adequate financial provisions are made to maintain, operate and develop the environmental infrastructure and safe guard.			
xiv)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, ZilaParisad/Municipal Corporation, Urban local Body and the local NGO, if any, from who suggestions/ representations, if any, were received while processing the proposal.	<b>COMPLIED.</b> Copies of clearance letter have been send to Collector office, Vadodara, Taluka Development Officer Padra, Gram Panchayat Dabhasa, individuals / NGO from whom suggestions / representations were received during public consultation.			

# LUPIN MANUFACTURING SOLUTIONS LIMITED (FORMERLY LUPIN LIMITED), DABHASA COMPLIANCE REPORT

[PERIOD APR 24 TO SEP 24] ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I)

DATED 06.02.2024

Sr. NO.	CONDITIONS	COMPLIANCE
xv)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the Gujarat Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	Noted. Six monthly Environmental Clearance compliance report is regularly submitted to MoEF Bhopal, GPCB, and CPCB from <u>16.06.15</u> . Copy of Environmental Clearance and latest six monthly compliance status report is available on company website.
xvi)	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the Gujarat Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Bhopal Regional Offices of MoEF by e-mail.	<b>COMPLIED.</b> Environmental Statement have already been submitted on <u>24.09.2024</u> to Gujarat Pollution Control Board for the FY 2023-24. Copy of the same is attached here as <b>Annexure-P</b> .
xvii)	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	<b>COMPLIED.</b> The copy of advertisement as published in two newspapers has already been submitted along with first EC compliance report (letter dated 16.05.2015).
xviii)	The project authorities shall inform the Regional Office as well as the Ministry, the	COMPLIED.



## LUPIN MANUFACTURING SOLUTIONS LIMITED (FORMERLY LUPIN LIMITED), DABHASA COMPLIANCE REPORT [PERIOD APR 24 TO SEP 24] ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I) DATED 06.02.2024



Annexure 2

#### Sr. CONDITIONS COMPLIANCE NO. date of financial closure and final approval Construction activities relevant to the of the project by the concerned authorities project expansion were started in Mar-15. and the date of start of the project. Except few production blocks & utilities, the project has been partially completed till Mar-16. The further requirements / expansions are market driven and may be establish as per the demand and with the EC validation period.

The following documents are attached.

Annexure-A	:	Summary of Stack Monitoring data with analysis report
Annexure-B	:	Summary of Ambient Air Quality Monitoring data with analysis report and photographs
Annexure-C	:	Summary of Work Area monitoring data with analysis report and photographs
Annexure-D	:	Summary of Noise Monitoring data with analysis report
Annexure-E	:	Photographs of ZLD system
Annexure-F	:	Photographs of Storm Drain & Guard pond
Annexure-G	:	Photographs of Breather Valve and Flame Arresters
Annexure-H	:	Copy of Manifest & Photographs of Solid Waster Management
Annexure-I	:	Copy of CC&A
Annexure-J	:	Photographs of OHC facility at site & copy of periodic health check up report
Annexure-K	:	Photographs of Green Belt area
Annexure-L	:	Photographs of CSR Activity
Annexure-M	:	Photographs of surrounding villages rain water harvesting facilities
Annexure-N	:	EHS Policy
Annexure-O	:	Organogram of Environment Department
Annexure-P	:	Environmental Statement (Form V)
Annexure-Q	:	Copy of CGWA NOC

#### Annexure A

LUPIN MANUFACTURING SOLUTIONS LIMITED, DABHASA							
[ANAL	[ANALYSIS DONE BY: M/S POLLUCON LABORATORIES PVT. LTD.,SURAT						
Manth	ILER						
Month	Boiler No.	SPM(mg/Nm <sup>3</sup> )	SO₂ (ppm)	NO <sub>x</sub> (ppm)			
Oct-24	6 TPH	67.58	4.54	25.4			
Nov-24	6 TPH	82.46	7.6	29.36			
Dec-24	6 TPH	75.38	6.27	27.86			
Jan-25	6 TPH	80.34	7.24	28.6			
Feb-25	6 TPH	73.52	5.58	26.25			
Mar-25	6 TPH	78.33	6.69	27.82			
Minimum		67.58	4.54	25.40			
Maximum		82.46	7.60	29.36			
Average		76.27	6.32	27.55			

# Stack and Process Vent Monitoring Summary and Report

<b>NA</b>	PROCESS VENTS					
Month	Scrubber No.	SO <sub>2</sub> (mg/Nm <sup>3</sup> )	HCL (mg/Nm <sup>3</sup> )	NH₃ (mg/Nm³)		
Oct-24	Scrubber 5	2.6	1.65			
	Scrubber 6			18.92		
Nov-24	Scrubber 5	3.88	1.86			
	Scrubber 6			16.69		
	Scrubber 7		1.58			
Dec-24	Scrubber 2	2.6	1.64			
	Scrubber 6			17.1		
Jan-25	Scrubber 6			18.23		
Feb-25	Scrubber 6			16.05		
Mar-25	Scrubber 7		1.86			
	Scrubber 8		1.94			
	Scrubber 10		2.26			
Minimum		2.60	1.58	16.05		
Maximum		3.88	2.26	18.92		
Average		3.03	1.83	17.40		

Customer's Name and Address : Control to the contro

QF/7.8/07-ST Page: 1 of 1

# M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA. Issue Date

1	Test Report No. :	PL/L/24/0137
100	Issue Date :	16/10/2024
0 1 0	Customer's Ref. :	P.O.NO:3100299391 DATE:27.04.2024

#### STACK DETAILS

Location of Sampling		Boiler 6 TPH	CON P ELECTION TOTAL	POLLOCO	IN POLLICON POLLICON POLL
Stack Height **	DELUCON P	30 Meter	Stack Dia**	POLLUCON	0.850 m
Date of Sampling	OLLUCON M	07/10/2024	Sampling Procedure	POLLUCON	As per table
Sampling By		Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	POLLUCON	Stack Gas Monitoring
Sample Receipt Date		08/10/2024	Test Method	POLLUCON	As Per Table
Date of Starting of Test	OLLUEON	08/10/2024	Lab ID.	POLLUCO	L/2410/05 [A-C]
Date of Completion	OLLUEON	10/10/2024	Fuel **	POLLECON	Briquette
Stack Temperature	DITITION	126°C	Velocity	POLLECON	6.28 m/sec
Instrument Used & Calibration Due Date	OLLUCON N	Envirotech SMK VSS 1 Sr.No. A	A 15-F-2021,& Date:0	5/09/2	2025

## **RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT#	TEST/SAMPLING METHOD
	Particulate Matter	mg/Nm <sup>3</sup>	67.58	150	IS:11255 (Part-1)
2	Sulfur Dioxide (SO <sub>2</sub> )	ppm	4.54	100	IS:11255 (Part-2)
3	Oxides of Nitrogen (NO <sub>X</sub> )	ppm	25.40	50	IS:11255 (Part-7)

#Limit as per Application No.-292173.

\*\*Details provided by customer

Results (Particulate Matter) on 11 % O<sub>2</sub> Correction when Oxygen is greater than 11 % and (Sulfur Dioxide & Oxides of Nitrogen) 12 % CO<sub>2</sub> Correction when CO<sub>2</sub> is less than 12

Ravij?

Ravi Jariwala Sr. Environmental Scientist

forion Dr. Arun Bajpai Lab Manager(Q)

9001 :

• ISO

2008

Note: This report is subject to terms & conditions mentioned overleaf \*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986  GPCB apprved schedule II auditor ISO 14001

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.



Customer's Name and Address :

QF/7.8/07-ST Page: 1 of 1

#### M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.

11/200	N POLICON POLIC	CON	DELLOSON DOLLOSON DOLL
	Test Report No.		PL/L/24/0178
	Issue Date		15/11/2024
	Customer's Ref.		P.O.NO:3100299391 DATE:27.04.2024

## STACK DETAILS

LUCON	Boiler 6 TPH			
	30 Meter	Stack Dia**	POLLICON	0.850 m
LUCON	07/11/2024	Sampling Procedure	POLLUCON	As per table
LLUCON M	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	POLLICI	Stack Gas Monitoring
LLUEON	08/11/2024	Test Method	POLLUC	As Per Table
LUCON	08/11/2024	Lab ID.	POLLIC	L/2411/08 [A-C]
LLUCON	11/11/2024	Fuel **	POLLUC	Briquette
LUCON	122°C	Velocity	NOLLUC	6.57 m/sec
LUCON P	Envirotech SMK VSS 1 Sr.No. A	A 15-F-2021 , & Date:	:05/09	/2025
		<ul> <li>: 30 Meter</li> <li>: 07/11/2024</li> <li>: Pollucon Laboratories Pvt. Ltd.</li> <li>: 08/11/2024</li> <li>: 08/11/2024</li> <li>: 11/11/2024</li> <li>: 122°C</li> </ul>	:30 MeterStack Dia**:07/11/2024Sampling Procedure:Pollucon Laboratories Pvt. Ltd.Protocol (purpose):08/11/2024Test Method:08/11/2024Lab ID.:11/11/2024Fuel **:122°CVelocity	:       30 Meter       Stack Dia**       :         :       07/11/2024       Sampling Procedure       :         :       Pollucon Laboratories Pvt. Ltd.       Protocol (purpose)       :         :       08/11/2024       Test Method       :         :       08/11/2024       Lab ID.       :         :       11/11/2024       Fuel **       :

#### **RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>#</sup>	TEST/SAMPLING METHOD
	Particulate Matter	mg/Nm <sup>3</sup>	82.46	150	IS:11255 (Part-1)
2	Sulfur Dioxide (SO <sub>2</sub> )	ppm	7.60	100	IS:11255 (Part-2)
3	Oxides of Nitrogen (NO <sub>x</sub> )	ppm	29.36	50	IS:11255 (Part-7)

#Limit as per Application No.-292173.

Results (Particulate Matter) on 11% O2 Correction when Oxygen is greater than 11% and (Sulfur Dioxide & Oxides of Nitrogen) 12% CO2 Correction when CO2 is less than 12

Ravij?

Ravi Jariwala Sr. Environmental Scientist

Josen Dr. Arun Bajpai Lab Manager(Q)

• ISO 9001 :

Note: This report is subject to terms & conditions mentioned overlea \*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 GPCB apprved schedule II auditor ISO 14001

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Customer's Name and Address : Clause Poly Control Control Control Control Control Control Control Control Control

QF/7.8/07-ST Page: 1 of 1

# M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.

Test Report No. :	PL/L/24/0190
Issue Date :	14/12/2024
Customer's Ref. :	P.O.NO:3100299391 DATE:27.04.2024

#### STACK DETAILS

Location of Sampling	DILUCON	Boiler 6 TPH	CON P FLOCON POELICON	POLLOCO	ON POLLICON POLLICON POLL
Stack Height **	DILLIEON P	30 Meter	Stack Dia**	POLLUCON	0.850 m
Date of Sampling	DELUCON	10/12/2024	Sampling Procedure	POLICON	As per table
Sampling By	DLLUEON	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	POLLUCON	Stack Gas Monitoring
Sample Receipt Date	DLLUEON	11/12/2024	Test Method	POLLUCON	As Per Table
Date of Starting of Test	DILUDON	11/12/2024	Lab ID.	POLLUC	L/2412/09 [A-C]
Date of Completion	DLLUEON	13/12/2024	Fuel **	NOU:JCC	Briquette
Stack Temperature	DILUEON	120°C	Velocity	POLISICO	6.34 m/sec
Instrument Used & Calibration Due Date	DELUCON R	Envirotech SMK VSS 1 Sr.No. A	A 15-F-2021 , & Date:	05/09	/2025

#### **RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>#</sup>	TEST/SAMPLING METHOD
	Particulate Matter	mg/Nm <sup>3</sup>	75.38	150	IS:11255 (Part-1)
2	Sulfur Dioxide (SO <sub>2</sub> )	ppm	6.27	100	IS:11255 (Part-2)
3	Oxides of Nitrogen (NO <sub>X</sub> )	ppm	27.86	50	IS:11255 (Part-7)

#Limit as per Application No.-292173.

\*\*Details provided by customer.

Results (Particulate Matter) on 11 % O2 Correction when Oxygen is greater than 11 % and (Sulfur Dioxide & Oxides of Nitrogen) 12 % CO2 Correction when CO2 is less than 12

Ravij?

Ravi Jariwala Sr. Environmental Scientist

forción Dr. Arun Bajpai Lab Manager(Q)

2007

• ISO 9001 :

2008

Note: This report is subject to terms & conditions mentioned overleaf
\*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 GPCB apprved schedule II auditor ISO 14001

2004

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Customer's Name and Address : POLUCON POLUCON POLUCON POLUCON POLUCON POLUCON POLUCON POLUCON POLUCON

QF/7.8/07-ST Page: 1 of 1

CON POLLICON POLLICON POLLICON POLLICON POLLICON POLLICON POLLICON PO	Test Report No.
M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL).	POLLUCON POLLICON POLL
BLOCK NO. 21, VILLAGE DABHASA,	Issue Date
TAL: PADRA, DIST: VADODARA.	LLUCON POLLUCON POLLUC
LUCON POLITICON POLITICON POLITICON POLITICON POLITICON POLITICON	POLLUTON POLLUCON POLL

uco	Test Report No.		PL/L/25/0005
	Issue Date	CON	17/01/2025
UCC UCC	Customer's Ref.		P.O.NO:3100299391 DATE:27.04.2024

#### STACK DETAILS

Location of Sampling	OLLICON	Boiler 6 TPH	CON P ALOCON TOLLICON	POLLOC	ON POLLICON POLLICON POLL
Stack Height **	OLLIEON P	30 Meter	Stack Dia**	POLLUC	0.850 m
Date of Sampling	OLLUCON N	06/01/2025	Sampling Procedure	POLLUC	As per table
Sampling By	OLLUEON PO	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	POLLUCON	Stack Gas Monitoring
Sample Receipt Date	OLLUEON	07/01/2025	Test Method	POLLUC	As Per Table
Date of Starting of Test	OLLUEON N	07/01/2025	Lab ID.	POLLUCON	L/2501/05 [A-C]
Date of Completion	OLLUEON	09/01/2025	Fuel **	POLLUCON	Briquette
Stack Temperature	DITITION NO	124°C	Velocity	POLLUC	6.43 m/sec
Instrument Used & Calibration Due Date	LUCON R	Envirotech SMK VSS 3 ,Sr.No. V	/SS 3-31 G 23, & Date	:12/07	7/2025

#### **RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>#</sup>	TEST/SAMPLING METHOD
CON PO	Particulate Matter	mg/Nm <sup>3</sup>	80.34	150	IS:11255 (Part-1)
2	Sulfur Dioxide (SO <sub>2</sub> )	ppm	7.24	100	IS:11255 (Part-2)
3	Oxides of Nitrogen (NO <sub>x</sub> )	ppm	28.60	50	IS:11255 (Part-7)

#Limit as per Application No.-292173.

\*\*Details provided by customer

Results (Particulate Matter) on 11 % O<sub>2</sub> Correction when Oxygen is greater than 11 % and (Sulfur Dioxide & Oxides of Nitrogen) 12 % CO<sub>2</sub> Correction when CO<sub>2</sub> is less than 12

Ravij?

Ravi Jariwala Sr. Environmental Scientist

forion Dr. Arun Bajpai Lab Manager(Q)

9001 :

2008

Note: This report is subject to terms & conditions mentioned overlea \*\*\*End of Report\*\*\*

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Customer's Name and Address :

QF/7.8/07-ST Page: 1 of 1

## M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.

Test Report No.	CON	PL/L/25/0019
Issue Date	CON	11/02/2025
Customer's Ref.		P.O.NO:3100299391 DATE:27.04.2024

DELUCON 1	Boiler 6 TPH			
LUCON F	30 Meter	Stack Dia**	POLLOC	0.850 m
UCON T	03/02/2025	Sampling Procedure	POLLUC	As per table
DULUCON I	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	POLLUC	Stack Gas Monitoring
LUCON I	04/02/2025	Test Method	POLLUCO	As Per Table
DILUCON I	04/02/2025	Lab ID.	POLLUC	L/2502/05 [A-C]
ULUCON (	06/02/2025	Fuel **	POLLUC	Briquette
DULUCON LUCCIN I	126°C	Velocity	NOLLUC	6.64 m/sec
DELUCON	Envirotech SMK VSS 3 ,Sr.No. V	/SS 3-31 G 23, & Date	:12/0	7/2025
	:	<ul> <li>30 Meter</li> <li>03/02/2025</li> <li>Pollucon Laboratories Pvt. Ltd.</li> <li>04/02/2025</li> <li>04/02/2025</li> <li>06/02/2025</li> <li>126°C</li> </ul>	30 Meter       Stack Dia**         30 Meter       Sampling Procedure         30 Meter       Sampling Procedure         30 Meter       Pollucon Laboratories Pvt. Ltd         Pollucon Laboratories Pvt. Ltd       Protocol (purpose)         30 Meter       Test Method         30 Meter       Lab ID.         30 Meter       Fuel **         30 Meter       Velocity	:       30 Meter       Stack Dia**       :         :       03/02/2025       Sampling Procedure       :         :       Pollucon Laboratories Pvt. Ltd.       Protocol (purpose)       :         :       04/02/2025       Test Method       :         :       04/02/2025       Lab ID.       :         :       06/02/2025       Fuel **       :         :       126°C       Velocity       :

STACK DETAILS

## **RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>#</sup>	TEST/SAMPLING METHOD
LUCON I	Particulate Matter	mg/Nm <sup>3</sup>	73.52	150	IS:11255 (Part-1)
2	Sulfur Dioxide (SO <sub>2</sub> )	ppm	5.58	100	IS:11255 (Part-2)
CO 3 10	Oxides of Nitrogen (NO <sub>X</sub> )	ppm	26.25	50	IS:11255 (Part-7)

#Limit as per Application No.-292173.

Results (Particulate Matter) on 11 % O2 Correction when Oxygen is greater than 11 % and (Sulfur Dioxide & Oxides of Nitrogen) 12 % CO2 Correction when CO2 is less than 12

Ravij?

Ravi Jariwala Sr. Environmental Scientist

forion Dr. Arun Bajpai Lab Manager(Q)

9001 :

Note: This report is subject to terms & conditions mentioned overlea \*\*\*End of Report\*\*\*

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Customer's Name and Address : OLUCON POL

QF/7.8/07-ST Page: 1 of 1

# M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.

CONUPOU RICON POLI	11100	AN POLISION POLICION POLITIC
Test Report No.		PL/L/25/0035
Issue Date		29/03/2025
Customer's Ref.		P.O.NO:3100299391
CON FOLLUCON FOL		DATE:27.04.2024

## STACK DETAILS

Location of Sampling	LLUCON	Boiler 6 TPH			ON POLLICON POLLICON POLLIC JCON POLLICON POLLICON POLL
Stack Height **	LICON	30 Meter	Stack Dia**	POLU	0.850 m
Date of Sampling	UCON LLUCOI	24/03/2025	Sampling Procedure	POLL	As per table
Sampling By	LILLON	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	POLL	Stack Gas Monitoring
Sample Receipt Date	LLUCON	25/03/2025	Test Method	POLLIC	As Per Table
Date of Starting of Test	LLUGON	25/03/2025	Lab ID.	POLL	L/2503/09 [A-C]
Date of Completion	LLUCON	27/03/2025	Fuel **	ROLLIC	Briquette
Stack Temperature	LLUCON	122°C	Velocity	POLL	6.34 m/sec
Instrument Used & Calibration Due Date	LICON LLUCOI LICON	Envirotech SMK VSS 3 ,Sr.	No. VSS 3-31 G 23, &	Date	e:12/07/2025

## **RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>#</sup>	TEST/SAMPLING METHOD
CON PO	Particulate Matter	mg/Nm <sup>3</sup>	78.33	150	IS:11255 (Part-1)
2	Sulfur Dioxide (SO <sub>2</sub> )	ppm	6.69	100	IS:11255 (Part-2)
3	Oxides of Nitrogen (NO <sub>x</sub> )	ppm	27.82	50	IS:11255 (Part-7)

#Limit as per Application No.-292173.

\*\*Details provided by customer.

Results (Particulate Matter) on 11 % O2 Correction when Oxygen is greater than 11 % and (Sulfur Dioxide & Oxides of Nitrogen) 12 % CO2 Correction when CO2 is less than 12

Ravij?

Ravi Jariwala Sr. Environmental Scientist

forion Dr. Arun Bajpai Lab Manager(Q)

• ISO 9001 :

2008

Note: This report is subject to terms & conditions mentioned overlea \*\*\*End of Report\*\*\*

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Customer's Name and Address :

QF/7.8/07-ST Page: 1 of 1

## M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.

111	Test Report No.	UCON ION P	PL/L/24/0139
	Issue Date	ON P	16/10/2024
	Customer's Ref.	UCON D	P.O.NO:3100299391 DATE:27.04.2024

## STACK DETAILS

LIEGN POLLEON POLLECON R.		N POLLEON FOLL ON POLLUCON POLL	ICON IL CON		EON POLLIESN POLLEON POL
Location of Sampling	LICON	Scrubber No 5	Sampling Procedure		As per table
Stack Height **	UCON	20 Meter	Stack Dia**	OLLUC	500 mm
Date of Sampling	LUCEN	07/10/2024	Protocol (purpose)	OLLICO	Stack Gas Monitoring
Sampling by	UCON	Pollucon Laboratories Pvt. Ltd.	Test Method	POLLIC	As per table
Sample Receipt Date	UCON UCON	08/10/2024	Lab ID.		L/2410/06 [A-B]
Date of Starting of Test	UCON	08/10/2024	Date of Completion	OLLIC	10/10/2024
Instrument Used & Calibration Due Date		Envirotech SMK VSS 1 Sr.No. AA	A 15-F-2021,& Date:0	5/09/	/2025

## **RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	TEST / SAMPLING METHOD
	нсі	mg/Nm <sup>3</sup>	1.65	20	USEPA 26 A
2	Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	2.60	40	IS 11255 (Part-2)

#Limit as per Consent Order No. AWH-113866,Dated: 22/07/2021,Valid up to 30/09/2025. \*\*Details provided by customer.

Ravij?

Ravi Jariwala Sr. Environmental Scientist

Dr. Arun Bajpai Lab Manager(Q) Note: This report is subject to terms & conditions mentioned overlead

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forion

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• ISO 9001 :

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Customer's Name and Address :

QF/7.8/07-ST Page: 1 of 1

# M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). Issue Data BLOCK NO. 21, VILLAGE DABHASA, Issue Data TAL: PADRA, DIST: VADODARA. Issue Data

Test Report No.	UCC	PL/L/24/0140
Issue Date		16/10/2024
Customer's Ref.		P.O.NO:3100299391 DATE:27.04.2024

forion

Dr. Arun Bajpai

Lab Manager(Q)

2007

ISO 9001 : 2008

## STACK DETAILS

	10.2351	NAME AND ADDRESS OF THE OWNER	101.10.10	1.0.1.1	THE AND THE WORK OF A LOW AND A REAL PROPERTY OF A DECK
Location of Sampling	LLU:ON	Scrubber No 6	Sampling Procedure	N BO	As per table
Stack Height **	LLUCON I	20 Meter	Stack Dia**	N PO	500 mm
Date of Sampling		07/10/2024	Protocol (purpose)	N PO POLL N PO	Process Stack Monitoring
Sampling by	LUCON	Pollucon Laboratories Pvt. Ltd.	Test Method	N PO	As per table
Sample Receipt Date	LUCON	08/10/2024	Lab ID.	N PO	L/2410/07
Date of Starting of Test	UCON I	08/10/2024	Date of Completion	NPO	10/10/2024
Instrument Used & Calibration Due Date	LICON I LLUCON	Envirotech SMK VSS 1 Sr.No. AA	A 15-F-2021,& Date:	05/	09/2025

## **RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	TEST/SAMPLING METHOD	
	Ammonia as NH <sub>3</sub>	mg/Nm <sup>3</sup>	18.92	175	IS 11255 (Part-6)	

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, Valid up to 30/09/2025

\*\*Details provided by customer.

Ravij?

Ravi Jariwala Sr. Environmental Scientist

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Customer's Name and Address :

QF/7.8/07-ST Page: 1 of 1

# M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.

Test Report No.		PL/L/24/0175
Issue Date	ON P	15/11/2024
Customer's Ref.		P.O.NO:3100299391 DATE:27.04.2024

forion

Dr. Arun Bajpai

Lab Manager(Q)

2007

ISO 9001 : 2008

## STACK DETAILS

Location of Sampling		Scrubber No 5	Sampling Procedure		As per table
Stack Height **	UCON	20 Meter	Stack Dia**	OLL ICO	500 mm
Date of Sampling	UCON	07/11/2024	Protocol (purpose)	POLLU	Stack Gas Monitoring
Sampling by		Pollucon Laboratories Pvt. Ltd.	Test Method	OLLUC	As per table
Sample Receipt Date	ULUCON ULUCON	08/11/2024	Lab ID.	oluico nouu	L/2411/05 [A-B]
Date of Starting of Test	UCON DELUCON	08/11/2024	Date of Completion		11/11/2024
Instrument Used & Calibration Due Date		Envirotech SMK VSS 1 Sr.No. AA	15-F-2021,& Date:0	5/09/	2025

#### **RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	TEST / SAMPLING METHOD
ICPN CN PO	HCI	mg/Nm <sup>3</sup>	1.86	20	USEPA 26 A
2	Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	3.88	40	IS 11255 (Part-2)

#Limit as per Consent Order No. AWH-113866,Dated: 22/07/2021,Valid up to 30/09/2025. \*\*Details provided by customer.

Ravij?

Ravi Jariwala Sr. Environmental Scientist

Note: This report is subject to terms & conditions mentioned overleaf
\*\*\*End of Report\*\*\*

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Customer's Name and Address :

QF/7.8/07-ST Page: 1 of 1

## M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.

Test Report No.	PL/L/24/0176
Issue Date	15/11/2024
Customer's Ref.	P.O.NO:3100299391 DATE:27.04.2024

## STACK DETAILS

Location of Sampling	LICON I	Scrubber No 6	Sampling Procedure	NOLLI	As per table
	LICON F	Scrubber No 6	Sampling Procedure	POLL	
Stack Height **	UCCN T	20 Meter	Stack Dia**	N POI	500 mm
Date of Sampling	LICON P	07/11/2024	Protocol (purpose)	POLL	Process Stack
Dute of Sumpling	UCON P			POLLI	Monitoring
Sampling by	NOON P	Pollucon Laboratories Pvt. Ltd.	Test Method	n poi Polu	As per table
Sample Receipt Date	NCON P	08/11/2024	Lab ID.	POLLI	L/2411/06
CON POLLICON POLLICON POL		N POLLUCON POLLUCON POLLUCON POLLUCON POLLUCON POLLUCON POLLUCON POLLUCON			LLUCON FOLLUCON FOLLUCON POL LICON POLLUCON POLLUCON POL
Date of Starting of Test	LICON P	08/11/2024	Date of Completion	POLL	11/11/2024
Instrument Used &	LUCON I	Envirotech SMK VSS 1 Sr.No. AA	15-F-2021 & Date:	05/0	19/2025
Calibration Due Date	LUCON	Enviroteen SPirt V33 1 SI.NO. AP		55/0	LICON POLLICON POLLICON PO

#### **RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	TEST/SAMPLING METHOD
IN POL	Ammonia as NH <sub>3</sub>	mg/Nm <sup>3</sup>	16.69	175	IS 11255 (Part-6)

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, Valid up to 30/09/2025. \*\*Details provided by customer.

Ravij?

Ravi Jariwala Sr. Environmental Scientist

forción Dr. Arun Bajpai Lab Manager(Q)

: 2007

• ISO 9001 : 2008

Note: This report is subject to terms & conditions mentioned overleaf
\*\*\*End of Report\*\*\*

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2004

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Customer's Name and Address : Custom Polycon P

QF/7.8/07-ST Page: 1 of 1

#### M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.

		the second second	
uc	Test Report No.	LUCC	PL/L/24/0177
	Issue Date	CON	15/11/2024
	Customer's Ref.		P.O.NO:3100299391

## STACK DETAILS

Location of Sampling		Scrubber No 7	Sampling Procedure		As per table
Stack Height **	ON	20 Meter	Stack Dia**	LLUCC POLLU	500 mm
Date of Sampling	ON I	07/11/2024	Protocol (purpose)		Process Stack Monitoring
Sampling by		Pollucon Laboratories Pvt. Ltd.	Test Method		As per table
Sample Receipt Date	ON	08/11/2024	Lab ID.	POLLU	L/2411/07
Date of Starting of Test		08/11/2024	Date of Completion	NOI:LU	11/11/2024
Instrument Used & Calibration Due Date		Envirotech SMK VSS 1 Sr.No. AA	15-F-2021 , & Date:	05/0	9/2025

## **RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	TEST / SAMPLING METHOD
	Hydrogen Chloride (HCI)	mg/Nm <sup>3</sup>	1.58	20	USEPA 26 A

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, Valid up to 30/09/2025

\*Details provided by customer.

Ravij?

Ravi Jariwala Sr. Environmental Scientist

forion Dr. Arun Bajpai Lab Manager(Q)

OHSAS 18001 : 2007 • ISO 9001 : 2008

Note: This report is subject to terms & conditions mentioned overleaf
\*\*\*End of Report\*\*\*

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2004

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Customer's Name and Address : Page: 1 of 1

#### M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.

Test Report No.	LLUC	PL/L/24/0192
Issue Date	LLGO	14/12/2024
Customer's Ref.		P.O.NO:3100299391 DATE:27.04.2024

QF/7.8/07-ST

## STACK DETAILS

Location of Sampling	Scrubber No2	Sampling Procedure	ON PO	As per table
Stack Height **	20 Meter	Stack Dia**	ON POL	200 mm
Date of Sampling	10/12/2024	Protocol (purpose)		Process Stack Monitoring
Sampling by	Pollucon Laboratories Pvt. Ltd.	Test Method	N POLL	As per table
Sample Receipt Date	11/12/2024	Lab ID.		L/2412/10 [A-B]
Date of Starting of Test	11/12/2024	Date of Completion	ON IN	13/12/2024

## **RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	TEST / SAMPLING METHOD
CLUCON P	Hydrogen Chloride (HCl)	mg/Nm <sup>3</sup>	1.64	20	USEPA 26 A
2	Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	2.60	40	IS 11255 (Part-2)

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, Valid up to 30/09/2025. \*\*Details provided by customer.

Ravij?

Ravi Jariwala Sr. Environmental Scientist

Josem Dr. Arun Bajpai Lab Manager(Q)

• ISO 9001 :

2008

Note: This report is subject to terms & conditions mentioned overlea \*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Customer's Name and Address :

QF/7.8/07-ST Page: 1 of 1

## M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.

Test Report No.	UCC	PL/L/24/0193
Issue Date		14/12/2024
Customer's Ref.		P.O.NO:3100299391 DATE:27.04.2024

## STACK DETAILS

Location of Sampling	LUCON	Scrubber No 6	Sampling Procedure	NIO	As per table
Stack Height **	LUCON	20 Meter	Stack Dia**	NIN	500 mm
Date of Sampling		10/12/2024	Protocol (purpose)	N PO	Process Stack Monitoring
Sampling by	UCON	Pollucon Laboratories Pvt. Ltd.	Test Method	N PO	As per table
Sample Receipt Date		11/12/2024	Lab ID.	N IN TOLL N PO	L/2412/11
Date of Starting of Test	LICON	11/12/2024	Date of Completion	POLL N IO	13/12/2024
Instrument Used & Calibration Due Date		Envirotech SMK VSS 1 Sr.No. A	A 15-F-2021,& Date:	05/	09/2025

## RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	TEST/SAMPLING METHOD
DON 1'OL	Ammonia as NH <sub>3</sub>	mg/Nm <sup>3</sup>	17.10	175	IS 11255 (Part-6)

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, Valid up to 30/09/2025

\*\*Details provided by customer

Ravig

Ravi Jariwala Sr. Environmental Scientist

forion Dr. Arun Bajpai Lab Manager(Q)

2007

2008

• ISO 9001 :

Note: This report is subject to terms & conditions mentioned overlea \*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 GPCB apprved schedule II auditor ISO 14001

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

## TEST CERTIFICATE FOR PROCESS STACK MONITORING

Customer's Name and Address :

QF/7.8/07-ST Page: 1 of 1

#### M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.

Test Report No.	PL/L/25/0007
Issue Date	17/01/2025
Customer's Ref.	P.O.NO:3100299391 DATE:27.04.2024

#### STACK DETAILS

Location of Sampling	LUCON	Scrubber No 6	Sampling Procedure	POLU N TO	As per table
Stack Height **	UCCN 1	20 Meter	Stack Dia**	N PO	500 mm
Date of Sampling		06/01/2025	Protocol (purpose)		Process Stack Monitoring
Sampling by	UCON I	Pollucon Laboratories Pvt. Ltd.	Test Method	N PO	As per table
Sample Receipt Date		07/01/2025	Lab ID.	N 10 POLLI N PO	L/2501/06
Date of Starting of Test	LICON	07/01/2025	Date of Completion	POLLI V PO	09/01/2025
Instrument Used & Calibration Due Date	UCCN 1	Envirotech SMK VSS 3 ,Sr.No. V	SS 3-31 G 23, & Date	e:12	/07/2025

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	TEST/SAMPLING METHOD	
DCON P	Ammonia as NH <sub>3</sub>	mg/Nm <sup>3</sup>	18.23	175	IS 11255 (Part-6)	

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, Valid up to 30/09/2025

\*\*Details provided by customer

Ravij?

Ravi Jariwala Sr. Environmental Scientist

forion Dr. Arun Bajpai Lab Manager(Q)

2007

ISO 9001 : 2008

Note: This report is subject to terms & conditions mentioned overlea \*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 GPCB apprved schedule II auditor ISO 14001

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

## TEST CERTIFICATE FOR PROCESS STACK MONITORING

Customer's Name and Address :

QF/7.8/07-ST Page: 1 of 1

# M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). Test Report No. : PL/L/25/0021 BLOCK NO. 21, VILLAGE DABHASA, Issue Date : 11/02/2025 TAL: PADRA, DIST: VADODARA. Customer's Ref. : P.O.NO:3100299391

#### STACK DETAILS

Location of Sampling	ICON	Scrubber No 6	Sampling Procedure	As per table
Stack Height **	LUCON	20 Meter	Stack Dia** :	500 mm
Date of Sampling	LUCO ICCN	03/02/2025	Protocol (purpose) :	Process Stack Monitoring
Sampling by	LUCON LUCO	Pollucon Laboratories Pvt. Ltd.	Test Method :	As per table
Sample Receipt Date	LUCO ICEN	04/02/2025	Lab ID. :	L/2502/06
Date of Starting of Test	LUCON	04/02/2025	Date of Completion :	06/02/2025
Instrument Used & Calibration Due Date	KON LUCO ICCN LUCO	Envirotech SMK VSS 3 ,Sr.No	. VSS 3-31 G 23, & Date:1	2/07/2025

#### **RESULT TABLE**

SR. NO.	TEST PARAMETER	METER UNIT R		GPCB LIMIT <sup>#</sup>	TEST/SAMPLING METHOD	
ON POL UCC11 P	Ammonia as NH <sub>3</sub>	mg/Nm <sup>3</sup>	16.05	175	IS 11255 (Part-6)	

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, Valid up to 30/09/2025

\*\*Details provided by customer.

Ravij?

Ravi Jariwala Sr. Environmental Scientist

Josen Dr. Arun Bajpai Lab Manager(Q)

: 2007 • ISO 9001 : 2008

Note: This report is subject to terms & conditions mentioned overleaf
\*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 GPCB apprved schedule II auditor ISO 14001:

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

## TEST CERTIFICATE FOR PROCESS STACK MONITORING

Customer's Name and Address :

QF/7.8/07-ST Page: 1 of 1

#### M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.

Test Report No.	LUCON	PL/L/25/0037
Issue Date	CON	29/03/2025
Customer's Ref.		P.O.NO:3100299391

#### STACK DETAILS

Location of Sampling		Scrubber No 7	Sampling Procedure		As per table
Stack Height **	ON LICON	20 Meter	Stack Dia**	LUCO	500 mm
Date of Sampling		24/03/2025	Protocol (purpose)		Process Stack Monitoring
Sampling by		Pollucon Laboratories Pvt. Ltd.	Test Method		As per table
Sample Receipt Date	UCO	25/03/2025	Lab ID.	enneo orino	L/2503/10
Date of Starting of Test		25/03/2025	Date of Completion	OLUCO	27/03/2025
Instrument Used & Calibration Due Date		Envirotech SMK VSS 3 ,Sr.No. VS	5S 3-31 G 23, & Date:	12/0	7/2025

#### **RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	TEST / SAMPLING METHOD	
	Hydrogen Chloride (HCl)	mg/Nm <sup>3</sup>	1.86	20	USEPA 26 A	

#Limit as per Consent Order No. AWH-113866,Dated: 22/07/2021,Valid up to 30/09/2025.

\*Details provided by customer.

Ravij?

**Ravi Jariwala** 

Sr. Environmental Scientist

forion Dr. Arun Bajpai Lab Manager(Q)

OHSAS 18001 : 2007 • ISO 9001 : 2008

Note: This report is subject to terms & conditions mentioned overleaf
\*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 GPCB apprved schedule II auditor • ISO 14001 :

2004

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.



## **TEST CERTIFICATE FOR STACK GAS MONITORING**

Customer's Name and Address :

QF/7.8/07-ST Page: 1 of 1

#### M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.

POLLU	Test Report No.		PL/L/25/0022
	Issue Date	CON	29/03/2025
	Customer's Ref.		P.O.NO:3100299391 DATE:27.04.2024

#### STACK DETAILS & RESULT

Location of Sampling	DELLCON	Scrubber No. 08	Sampling Procedure		As per table	POL N P
Stack Height **	LUCON I	20 Meter	Stack Dia**	N POLU	500 mm	
Date of Sampling		24/03/2025	Protocol (purpose)	N POLU POLLU N POL	Process Stack Monitoring	
Sampling by	UCON 1	Pollucon Laboratories Pvt. Ltd.	Test Method	POLLU	As per table	
Sample Receipt Date		25/03/2025	Lab ID.	N POLU	L/2503/11	
Date of Starting of Test	DUCON I DUUCON	25/03/2025	Date of Completion	N TOLLU N TOLLU	27/03/2025	
Instrument Used & Calibration Due Date	LUCON I	Envirotech SMK VSS 3 ,Sr.No. V	SS 3-31 G 23, & Dat	e:12/	07/2025	N POL

#### **RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT RESULTS		GPCB LIMIT <sup>#</sup>	TEST / SAMPLING METHOD	
1	нсі	mg/Nm <sup>3</sup>	1.94	20	USEPA 26 A	

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025.

\*\*Details provided by customer.

Ravi Jariwala Sr. Environmental Scientist

Ravij?

forion Dr. Arun Bajpai Lab Manager(Q)

: 2007 • ISO 9001 : 2008

Note: This report is subject to terms & conditions mentioned overleaf
\*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 GPCB apprved schedule II auditor ISO 14001

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

## **TEST CERTIFICATE FOR STACK GAS MONITORING**

 Customer's Name and Address :
 Page: 1 of 1

 M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL).
 Test Report No. :
 PL/L/25/0023

 BLOCK NO. 21, VILLAGE DABHASA,
 Issue Date :
 29/03/2025

TAL: PADRA, DIST: VADODARA.

Test Report No. :	ON ICO	PL/L/25/0025
Issue Date	ON	29/03/2025
Customer's Ref. :		P.O.NO:3100299391 DATE:27.04.2024

QF/7.8/12-ST

### STACK DETAILS

Location of Sampling	DELUCON LUCON ( DELUCON	Scrubber No. 10	Sampling Procedure	POLL N PO	As per table
Stack Height **	DELUCON I	20 Meter	Stack Dia**	N NO	500 mm
Date of Sampling		24/03/2025	Protocol (purpose)	N PO	Process Stack Monitoring
Sampling by		Pollucon Laboratories Pvt. Ltd.	Test Method	N PO	As per table
Sample Receipt Date		25/03/2025	Lab ID.	NIN	L/2503/12
Date of Starting of Test		25/03/2025	Date of Completion	N POLL	27/03/2025
Instrument Used & Calibration Due Date	LUCON I DELUCON I	Envirotech SMK VSS 3 ,Sr.No. V	SS 3-31 G 23, & Dat	e:12	2/07/2025

#### **RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	TEST / SAMPLING METHOD
	HCI	mg/Nm <sup>3</sup>	2.26	20	USEPA 26 A

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025 \*\*Details provided by customer.

Ravij?

Ravi Jariwala Sr. Environmental Scientist

forion Dr. Arun Bajpai Lab Manager(Q)

2007

• ISO 9001 :

2008

Note: This report is subject to terms & conditions mentioned overleaf
\*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 GPCB apprved schedule II auditor ISO 14001

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

					LITY MON					
[ANA	LYSIS DONI	-			TORIES P					
			te Matter				te Matter			
Month			(µg/m³)	1	PM 2.5(μg/m³)					
	Stn-1	Stn-2	Stn-3	Stn-4	Stn-1	Stn-2	Stn-3	Stn		
Oct-24	72.62	52.25	58.58	64.54	38.38	24.56	28.77	33.		
Nov-24	78.34	54.82	63.34	68.42	40.34	28.36	30.4	35.0		
Dec-24	84.34	60.35	67.58	72.64	44.35	38.49	34.36	40.3		
Jan-25	74.24	57.62	61.22	63.46	40.26	34.36	30.44	37.4		
Feb-25	68.84	50.33	55.34	60.46	36.58	21.35	27.61	34.3		
Mar-25	77.15	59.62	63.52	68.35	45.1	28.61	34.53	36.2		
Minimum	68.84	50.33	55.34	60.46	36.58	21.35	27.61	33.4		
Maximum	84.34	60.35	67.58	72.64	45.10	38.49	34.53	40.		
Average	75.92	55.83	61.60	66.31	40.84	29.29	31.02	36.		
		-	Dioxide			-	n Dioxide			
Month			ug/m³)				ug/m³)			
	Stn-1	Stn-2	Stn-3	Stn-4	Stn-1	Stn-2	Stn-3	Stn		
Oct-24	12.61	21.25	9.53	15.47	32.76	28.64	29.41	35.4		
Nov-24	15.63	23.64	10.34	18.41	34.52	32.49	31.51	36.4		
Dec-24	18.68	25.36	12.45	19.61	37.42	34.51	33.51	39.4		
Jan-25	14.56	18.41	8.47	16.85	36.41	29.42	28.48	34.		
Feb-25	12.31	15.64	10.35	14.21	34.37	25.43	2.43	31.		
Mar-25	15.46	19.43	11.33	16.31	40.61	30.73	26.35	34.		
Minimum	12.31	15.64	8.47	14.21	32.76	25.43	2.43	31.		
Maximum	18.68	25.36	12.45	19.61	40.61	34.51	33.51	39.4		
Average	14.88	20.62	10.41	16.81	36.02	30.20	25.28	35.		
		-	loric Acid		Ammonia					
Month			ug/m³)		NH3 (μg/m <sup>3</sup> )					
	Stn-1	Stn-2	Stn-3	Stn-4	Stn-1	Stn-2	Stn-3	Stn		
Oct-24	ND	ND	ND	ND	ND	ND	ND	N		
Nov-24	ND	ND	ND	ND	ND	ND	ND	N		
Dec-24	ND	ND	ND	ND	ND	ND	ND	N		
Jan-25	ND	ND	ND	ND	ND	ND	ND	N		
Feb-25	ND	ND	ND	ND	ND	ND	ND	N		
Mar-25	ND	ND	ND	ND	ND	ND	ND	N		
Minimum	-	-	-	-	-	-	-	-		
Maximum	-	-	-	-	-	-	-	-		
Average	-	-	-	-	-	-	-	-		
_			orine				one			
Month			ıg∕m³)				.g/m³)	-		
	Stn-1	Stn-2	Stn-3	Stn-4	Stn-1	Stn-2	Stn-3	Stn		
Oct-24	ND	ND	ND	ND	14.98	16.29	7.19	10.		
Nov-24	ND	ND	ND	ND	16.42	18.76	9.46	12.		
Dec-24	ND	ND	ND	ND	18.67	20.24	10.36	14.		
Jan-25	ND	ND	ND	ND	16.43	17.57	12.49	13.4		
Feb-25	ND	ND	ND	ND	15.31	14.51	10.25	11.		
Mar-25	ND	ND	ND	ND	18.33	15.61	11.38	13.4		

#### Annexure **B**

Minimum	-	-	-	-	14.98	14.51	7.19	10.74		
Maximum	-	-	-	-	18.67	20.24	12.49	14.38		
Average	-	-	-	-	16.69	17.16	10.19	12.62		
		Le	ad			/lonoxide				
Month		Pb (μ	g/m³)			CO (m	ng/m³)			
	Stn-1	Stn-2	Stn-3	Stn-4	Stn-1	Stn-2	Stn-3	Stn-4		
Oct-24	ND	ND	ND	ND	0.32	0.25	0.39	0.21		
Nov-24	ND	ND	ND	ND	0.37	0.29	0.44	0.23		
Dec-24	ND	ND	ND	ND	0.41	0.37	0.5	0.3		
Jan-25	ND	ND	ND	ND	0.55	0.48	0.62	0.41		
Feb-25	ND	ND	ND	ND	0.52	0.4	0.53	0.37		
Mar-25	ND	ND	ND	ND	0.57	0.48	0.64	0.44		
Minimum	-	-	-	-	0.32	0.25	0.39	0.21		
Maximum	-	-	-	-	0.57	0.48	0.64	0.44		
Average	-	-	-	-	0.46	0.38	0.52	0.33		
		Ben	zene		В	enzo (a) P	yrene (Ba	yrene (BaP)		
Month		С6Н6 (	µg/m³)		Partio	ulate pha	se only (n	only (ng/m³)		
	Stn-1	Stn-2	Stn-3	Stn-4	Stn-1	Stn-2	Stn-3	Stn-4		
Oct-24	ND	ND	ND	ND	ND	ND	ND	ND		
Nov-24	ND	ND	ND	ND	ND	ND	ND	ND		
Dec-24	ND	ND	ND	ND	ND	ND	ND	ND		
Jan-25	ND	ND	ND	ND	ND	ND	ND	ND		
Feb-25	ND	ND	ND	ND	ND	ND	ND	ND		
Mar-25	ND	ND	ND	ND	ND	ND	ND	ND		
Minimum	-	-	-	-	-	-	-	-		
Maximum	-	-	-	-	-	-	-	-		
Average	-	-	-	-	-	-	-	-		
		Ars	enic			Nic	kel			
Month		As (n	g/m³)	1		Ni (n	g/m³)	1		
	Stn-1	Stn-2	Stn-3	Stn-4	Stn-1	Stn-2	Stn-3	Stn-4		
Oct-24	ND	ND	ND	ND	ND	ND	ND	ND		
Nov-24	ND	ND	ND	ND	ND	ND	ND	ND		
Dec-24	ND	ND	ND	ND	ND	ND	ND	ND		
Jan-25	ND	ND	ND	ND	ND	ND	ND	ND		
Feb-25	ND	ND	ND	ND	ND	ND	ND	ND		
Mar-25	ND	ND	ND	ND	ND	ND	ND	ND		
Minimum	-	-	-	-	-	-	-	-		
Maximum	-	-	-	-	-	-	-	-		
Average	-	-	-	-	-	-	-	-		

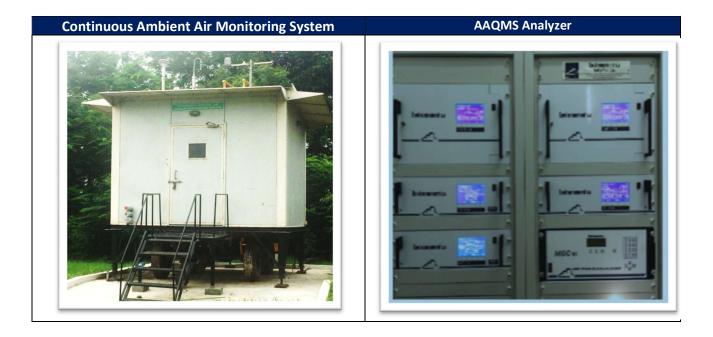
Station	LOCATIONS	Sampling Date			
		07th Oct-24, 07th Nov-24, 10th Dec-			
Stn-1	Main gate terrace	24, 06th Jan-25, 03rd Feb-25, 24th			
		Mar-25			
		07th Oct-24, 07th Nov-24, 10th Dec-			
Stn-2	Near S.R.U	24, 06th Jan-25, 03rd Feb-25, 24th			
		Mar-25			
		07th Oct-24, 07th Nov-24, 10th Dec-			
Stn-3	New Ware House II (terrace)	24, 06th Jan-25, 03rd Feb-25, 24th			
		Mar-25			

		07th Oct-24, 07th Nov-24, 10th Dec-
Stn-4	E.T.P Terrace	24, 06th Jan-25, 03rd Feb-25, 24th
		Mar-25

\*Stn: Station, ND: Not detected

Note:

- Sampling Duration for Ozone and Carbon monoxide is 1 hr.
- Sampling Duration other than Ozone and Carbon monoxide is 24 hrs.



QF/7.8/07-AQ Customer's Name and Address : Page: 1 of 1 Test Report No. ÷ PL/L/24/0133 M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). **BLOCK NO. 21, VILLAGE DABHASA,** Issue Date 16/10/2024 TAL: PADRA, DIST: VADODARA. P.O.NO:3100299391 Customer's Ref. DATE:27.04.2024 N-22º 15.246' E-73º Sampling Location **ETP** Terrace **GPS** Location 2 02.225' Date of Sampling 07/10/2024 Sampling Procedure As per table Sampling By Pollucon Laboratories Pvt. Ltd. Protocol (purpose) **Ambient Air Quality Monitoring** Sample Receipt Date<sup>^</sup> 08/10/2024 Lab ID L/2410/01 (A – J) Date of Starting of Test<sup>^</sup> 08/10/2024 Sampling Duration 24 Hrs. Date of Completion of Test : 11/10/2024 Test Method As per table RDS Sampler : Envirotech, APM 460 , 337-G-22 Instrument Used & Date of Issued: 14/08/2024 and Due Date: 14/08/2025 Calibration Due Date FDS Sampler : Yash PM 2.5 Model: NOS-PNS-PM2.5, Sr. No. 170302052 Date of Issued: 24/02/2024 and Due Date: 23/02/2025 **RESULT TABLE** SR. **GPCB** UNIT RESULTS LIMIT<sup>®</sup> **METHOD OF MEASUREMENT TEST PARAMETERS** NO. LIMIT<sup>#</sup> Particulate Matter (PM10) 64.54 100 IS 5182 (Part 23) 1  $\mu q/m^3$ 100 CPCB guidelines for AAQM 2 60 Particulate Matter (PM<sub>2.5</sub>)  $\mu q/m^3$ 33.40 60 (Vol. I, NAAQMS/36/2012-13) 3 Oxides of Sulphur as SO<sub>2</sub>  $\mu q/m^3$ 15.47 80 80 IS 5182 (Part 2)  $\mu g/m^3$ 4 Oxides of Nitrogen as NO<sub>2</sub> 33.45 IS 5182 (Part 6) 80 80 USEPA 26A & SOP HCI - 01 5 NS\* Hydrochloric Acid as HCI  $\mu q/m^3$ Not Detected 200 CPCB guidelines for AAQM 6 Ammonia as NH<sub>3</sub>  $\mu g/m^3$ Not Detected 480 400 (Vol. I, NAAQMS/36/2012-13) Chlorine as Cl<sub>2</sub>  $\mu q/m^3$ Not Detected NS\* 7 100 IS 5182 (Part 19) Ozone as  $O_3^{\$}$ IS 5182 (Part 9) 8  $\mu g/m^3$ 10.74 NS\* 180 CPCB guidelines for AAQM 9 Lead as Pb  $\mu g/m^3$ Not Detected NS\* 1.0 (Vol.I, NAAQMS/36/2012-13) Carbon Monoxide as CO<sup>\$</sup> mg/m<sup>3</sup> 10 0.21 NS\* 4.0 IS 5182 (Part 10) 11 Benzene as C<sub>6</sub>H<sub>6</sub>  $\mu g/m^3$ Not Detected NS\* 5.0 IS 5182 (Part-11) Benzo (a) Pyrene (BaP) CPCB guidelines for AAQM 12 na/m<sup>3</sup> Not Detected NS\* 1.0 particulate phase only (Vol. I, NAAQMS/36/2012-13) CPCB guidelines for AAQM 13 Arsenic as As ng/m<sup>3</sup> Not Detected NS\* 6.0 (Vol. I, NAAQMS/36/2012-13) CPCB guidelines for AAOM NS\* 14 Nickel as Ni na/m<sup>3</sup> Not Detected 20 Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O3) sampling duration 1 hrs and sample Analyzed on same Day, \$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb: 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCI: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>

Karj

**Ravi Jariwala** Sr. Environmental Scientist

Josim Dr. Arun Bajpai Lab Manager(Q)

● ISO 14001:2004 ● OHSAS 18001:2007 ● ISO 9001:2008

Note: This report is subject to terms & conditions mentioned overleaf. \*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 schedule II auditor

• GPCB apprved

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

POLLUCON LABORATORIES PVT. LTD.

## **TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING**

Customer's Name and Address :

QF/7.8/07-AQ Page: 1 of 1

#### M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.

	LUCUN NYLLUCUN NY		
OL.	Test Report No.	LUCON	PL/L/24/0134
	Issue Date	ELUCO DCON	16/10/2024
	Customer's Ref.	LLUCO	P.O.NO:3100299391 DATE:27.04.2024

Sampling Location	LUC	S.R.U1	GPS Location	ON IC	N-22° 15.436′ E-73° 02.337′
Date of Sampling	1000	07/10/2024	Sampling Procedure	UCON	As per table
Sampling By	ICON	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	ON PC	Ambient Air Quality Monitoring
Sample Receipt Date	ICDN	08/10/2024	Lab ID	NIX	L/2410/02 (A – J)
Date of Starting of Test <sup>^</sup>	LUCI ICON	08/10/2024	Sampling Duration	ON PC	24 Hrs.
Date of Completion of Test	Luci	11/10/2024	Test Method	ICON	As per table
Instrument Used & Calibration Due Date		RDS Sampler : Envirotech, A Date of Issued: 14/08/2024 FDS Sampler : Drop Enviro, I Date of Issued: 10/08/2024	and Due Date: 14/0 DEES-FDS-006	NOOL	POLLUCON POLLUCON POLLUCON POL

#### **RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT
IN POL	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	52.25	100	100	IS 5182 (Part 23)
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m³	24.56	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	21.25	80	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	28.64	80	80	IS 5182 (Part 6)
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCI – 01
6	Ammonia as NH <sub>3</sub>	µg/m³	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part 19)
8	Ozone as $O_3^{\$}$	µg/m <sup>3</sup>	16.29	NS*	180	IS 5182 (Part 9)
9	Lead as Pb	µg/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>\$</sup>	mg/m <sup>3</sup>	0.25	NS*	4.0	IS 5182 (Part 10)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, \$: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCI: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.

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Ravi Jariwala Sr. Environmental Scientist

Josen Dr. Arun Bajpai Lab Manager(Q)

: 2007

ISO 9001 : 2008

Note: This report is subject to terms & conditions mentioned overlea \*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986

 GPCB apprved schedule II auditor ISO 14001 :

2004

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.



QF/7.8/07-AQ Customer's Name and Address : Page: 1 of 1 Test Report No. : PL/L/24/0135 M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). **BLOCK NO. 21, VILLAGE DABHASA,** Issue Date 16/10/2024 2 TAL: PADRA, DIST: VADODARA. P.O.NO:3100299391 Customer's Ref. : DATE:27.04.2024 N-22° 15.441' E-73° **GPS** Location Sampling Location Main Gate Terrace 02.438' Date of Sampling 07/10/2024 Sampling Procedure As per table 2 Pollucon Laboratories Pvt. Ltd. Protocol (purpose) **Ambient Air Quality Monitoring** Sampling By Sample Receipt Date 08/10/2024 Lab ID L/2410/03 (A – J) Date of Starting of Test 08/10/2024 Sampling Duration 24 Hrs. Date of Completion of Test : 11/10/2024 Test Method As per table RDS Sampler : Envirotech, APM 460 , 346-G-22 Date of Issued: 14/08/2024 and Due Date: 14/08/2025 Instrument Used & FDS Sampler : Drop Enviro, DEES-FDS-007 Calibration Due Date Date of Issued: 10/08/2024 and Due Date: 09/08/2025 **RESULT TABLE** SR. **GPCB TEST PARAMETERS** UNIT RESULTS LIMIT<sup>®</sup> METHOD OF MEASUREMENT NO. LIMIT<sup>#</sup> 100 IS 5182 (Part 23) 1 Particulate Matter (PM<sub>10</sub>)  $\mu g/m^3$ 72.62 100 CPCB guidelines for AAQM 2 Particulate Matter (PM<sub>2.5</sub>)  $\mu g/m^3$ 38.38 60 60 (Vol. I, NAAQMS/36/2012-13) 3 Oxides of Sulphur as SO<sub>2</sub> 12.61 80 80  $\mu q/m^3$ IS 5182 (Part 2) Oxides of Nitrogen as NO<sub>2</sub> IS 5182 (Part 6) 4  $\mu g/m^3$ 32.76 80 80 5 Hydrochloric Acid as HCl NS\* USEPA 26A & SOP HCI - 01  $\mu g/m^3$ Not Detected 200 CPCB quidelines for AAOM 480 400 6 Ammonia as NH<sub>3</sub>  $\mu q/m^3$ Not Detected (Vol. I, NAAQMS/36/2012-13) NS\* 7 Chlorine as Cl<sub>2</sub>  $\mu q/m^3$ Not Detected 100 IS 5182 (Part 19) IS 5182 (Part 9) 8 Ozone as  $O_3$ <sup>\$</sup>  $\mu g/m^3$ 14.98 NS\* 180 CPCB quidelines for AAOM 9 Lead as Pb  $\mu q/m^3$ Not Detected NS\* 1.0 (Vol.I, NAAQMS/36/2012-13) 10 Carbon Monoxide as CO<sup>\$</sup> 0.32 NS\* 4.0 IS 5182 (Part 10) mg/m<sup>3</sup> 11 Benzene as C<sub>6</sub>H<sub>6</sub>  $\mu g/m^3$ Not Detected NS\* 5.0 IS 5182 (Part-11) Benzo (a) Pyrene (BaP) CPCB guidelines for AAQM 12 ng/m<sup>3</sup> Not Detected NS\* 1.0 particulate phase only (Vol. I, NAAQMS/36/2012-13) CPCB guidelines for AAOM 13 Arsenic as As  $ng/m^3$ Not Detected NS\* 6.0 (Vol. I, NAAQMS/36/2012-13) CPCB guidelines for AAQM 14 Nickel as Ni Not Detected NS\* 20  $nq/m^3$ (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O3) sampling duration 1 hrs and sample Analyzed on same Day, \$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>,

Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCI: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.

Rung

**Ravi Jariwala** Sr. Environmental Scientist

Josim Dr. Arun Bajpai Lab Manager(Q)

● ISO 14001:2004 ● OHSAS 18001:2007 ● ISO 9001:2008

Note: This report is subject to terms & conditions mentioned overleaf. \*\*\*End of Report\*\*\*

• Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 schedule II auditor

• GPCB apprved

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.



Customer's Name and Address :

QF/7.8/07-AQ Page: 1 of 1

#### M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.

	LUCON POLLICON PO	LLIC	Tage: 1011
L	Test Report No.		PL/L/24/0136
	Issue Date		16/10/2024
	Customer's Ref.	LLUO	P.O.NO:3100299391 DATE:27.04.2024

Sampling Location	LDC	New Ware House II (Terrace	ELUCON D- LUCON POLLI		POLLICON POLLICON POLLICON POL
Date of Sampling	LCON	07/10/2024	Sampling Procedure	ON PO	As per table
Sampling By	ICON	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	ON: PO	Ambient Air Quality Monitoring
Sample Receipt Date <sup>^</sup>	LUCO	08/10/2024	Lab ID	CON	L/2410/04 (A – J)
Date of Starting of Test	LL IC	08/10/2024	Sampling Duration	100M	24 Hrs.
Date of Completion of Test		11/10/2024	Test Method	ICON I	As per table
		<b>RDS Sampler : Envirotech, A</b>	PM 460 , 347-G-22		ILUCON POLLUCON POLLUCON POLLU
Instrument Used &	LUC	Date of Issued: 14/08/2024	and Due Date: 14/0	8/20	25
Calibration Due Date		FDS Sampler : Drop Enviro, I	DEES-FDS-008		POLITICON POLITICON POLITICON POLITICON POLITICON
		Date of Issued: 10/08/2024	and Due Date: 09/08	8/20	25 CON POLLICON POLLICON POLL

#### **RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	58.58	100	100	IS 5182 (Part 23)
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m³	28.77	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	9.53	80	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	29.41	80	80	IS 5182 (Part 6)
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCI – 01
6	Ammonia as NH <sub>3</sub>	µg/m³	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
70	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part 19)
8	Ozone as O <sub>3</sub> <sup>\$</sup>	µg/m <sup>3</sup>	7.19	NS*	180	IS 5182 (Part 9)
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>\$</sup>	mg/m <sup>3</sup>	0.39	NS*	4.0	IS 5182 (Part 10)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, \$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup> Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCI: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.

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Ravi Jariwala Sr. Environmental Scientist

rim Dr. Arun Bajpai Lab Manager(Q)

2007

• ISO 9001 :

Note: This report is subject to terms & conditions mentioned overlea \*\*\*End of Report\*\*\*

Lind of Report

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986

 GPCB apprved schedule II auditor ISO 14001

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

QF/7.8/07-AQ Customer's Name and Address : Page: 1 of 1 Test Report No. PL/L/24/0171 M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). **BLOCK NO. 21, VILLAGE DABHASA,** 15/11/2024 Issue Date 0N TAL: PADRA, DIST: VADODARA. P.O.NO:3100299391 Customer's Ref. \$ DATE:27.04.2024 **ETP Terrace GPS** Location N-22° 15.246' E-73° 02.225' Sampling Location Date of Sampling 07/11/2024 Sampling Procedure As per table Sampling By Pollucon Laboratories Pvt. Ltd. Protocol (purpose) **Ambient Air Quality Monitoring** L/2411/01 (A - J) Sample Receipt Date<sup>^</sup> 08/11/2024 Lab ID Date of Starting of Test 08/11/2024 Sampling Duration 24 Hrs. Date of Completion of Test 12/11/2024 Test Method As per table RDS Sampler : Envirotech, APM 460 , 337-G-22 Instrument Used & Calibration Date of Issued: 14/08/2024 and Due Date: 14/08/2025 FDS Sampler : Yash PM 2.5 Model: NOS-PNS-PM2.5, Sr. No. 170302052 Due Date Date of Issued: 24/02/2024 and Due Date: 23/02/2025 **RESULT TABLE** SR. **GPCB** RESULTS LIMIT<sup>®</sup> **METHOD OF MEASUREMENT TEST PARAMETERS** UNIT NO. LIMIT# 100 1 Particulate Matter (PM<sub>10</sub>)  $\mu g/m^3$ 68.42 100 IS 5182 (Part 23) CPCB guidelines for AAQM 60 2 Particulate Matter (PM<sub>2.5</sub>)  $\mu g/m^3$ 35.63 60 (Vol. I, NAAQMS/36/2012-13) Oxides of Sulphur as SO<sub>2</sub> 18.41 80 IS 5182 (Part 2) 3  $\mu q/m^3$ 80 Oxides of Nitrogen as NO<sub>2</sub> 36.42 IS 5182 (Part 6) 4  $\mu q/m^3$ 80 80 USEPA 26A & SOP HCI - 01 Hydrochloric Acid as HCl NS\* 5  $\mu g/m^3$ Not Detected 200 CPCB guidelines for AAOM 6 Ammonia as NH<sub>3</sub>  $\mu g/m^3$ Not Detected 480 400 (Vol. I, NAAQMS/36/2012-13) NS\* 7 Chlorine as Cl<sub>2</sub>  $\mu g/m^3$ Not Detected 100 IS 5182 (Part 19) 8 Ozone as  $O_3^{\text{\$}}$  $\mu g/m^3$ 12.35 NS\* 180 IS 5182 (Part 9) CPCB guidelines for AAQM 9 Lead as Pb  $\mu q/m^3$ Not Detected NS\* 1.0 (Vol.I, NAAQMS/36/2012-13) Carbon Monoxide as CO<sup>\$</sup> NS\* 10 0 23 4.0 IS 5182 (Part 10) mg/m<sup>3</sup> 11 Benzene as C<sub>6</sub>H<sub>6</sub> Not Detected 5.0 IS 5182 (Part-11)  $\mu g/m^3$ NS\* CPCB guidelines for AAQM Benzo (a) Pyrene (BaP) 12 ng/m<sup>3</sup> Not Detected NS\* 1.0 (Vol. I, NAAQMS/36/2012-13) particulate phase only CPCB guidelines for AAQM 13 Arsenic as As Not Detected NS\* ng/m<sup>3</sup> 6.0 (Vol. I, NAAQMS/36/2012-13) CPCB guidelines for AAQM Not Detected NS\* 20 14 Nickel as Ni ng/m<sup>3</sup> (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O3) sampling duration 1 hrs and sample Analyzed on same Day, \$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>,

Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>

Rung.

**Ravi Jariwala** Sr. Environmental Scientist

forin Dr. Arun Bajpai Lab Manager(Q)

● ISO 14001:2004 ● OHSAS 18001:2007 ● ISO 9001:2008

Note: This report is subject to terms & conditions mentioned overleaf. \*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 schedule II auditor

GPCB apprved

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

QF/7.8/07-AQ Customer's Name and Address : Page: 1 of 1 PL/L/24/0172 Test Report No. : M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). **BLOCK NO. 21, VILLAGE DABHASA,** Issue Date 15/11/2024 TAL: PADRA, DIST: VADODARA. P.O.NO:3100299391 Customer's Ref. DATE:27.04.2024 N-22° 15.436' E-73° 02.337' Sampling Location S.R.U.-1 **GPS** Location 5 5 Date of Sampling 07/11/2024 Sampling Procedure As per table Sampling By Pollucon Laboratories Pvt. Ltd. Protocol (purpose) **Ambient Air Quality Monitoring** Sample Receipt Date 08/11/2024 Lab ID L/2411/02 (A - J) Date of Starting of Test<sup>^</sup> 08/11/2024 Sampling Duration 24 Hrs. Date of Completion of Test As per table 12/11/2024 **Test Method** RDS Sampler : Envirotech, APM 460 , 338-G-22 Date of Issued: 14/08/2024 and Due Date: 14/08/2025 Instrument Used & Calibration FDS Sampler : Drop Enviro, DEES-FDS-006 Due Date Date of Issued: 10/08/2024 and Due Date: 09/08/2025 **RESULT TABLE** SR. **GPCB** RESULTS LIMIT<sup>®</sup> **METHOD OF MEASUREMENT TEST PARAMETERS** UNIT NO. LIMIT<sup>#</sup> 1 Particulate Matter (PM<sub>10</sub>) 54.82 100 100 IS 5182 (Part 23) µg/m<sup>3</sup> CPCB quidelines for AAOM µg/m<sup>3</sup> 2 Particulate Matter (PM<sub>25</sub>) 28.36 60 60 (Vol. I, NAAQMS/36/2012-13) 3 Oxides of Sulphur as SO<sub>2</sub>  $\mu q/m^3$ 23.64 80 80 IS 5182 (Part 2) 4 32.49 Oxides of Nitrogen as NO<sub>2</sub> 80 80 IS 5182 (Part 6)  $\mu q/m^3$ 5 200 NS\* USEPA 26A & SOP HCI - 01 Hydrochloric Acid as HCl Not Detected  $\mu g/m^3$ CPCB guidelines for AAQM 6 Ammonia as NH<sub>3</sub> Not Detected  $\mu q/m^3$ 480 400 (Vol. I, NAAQMS/36/2012-13) 7 Chlorine as Cl<sub>2</sub> Not Detected 100 NS\* IS 5182 (Part 19)  $\mu q/m^3$ 8 Ozone as  $O_3$ <sup>\$</sup> 18.76 NS\* 180 IS 5182 (Part 9)  $\mu g/m^3$ CPCB guidelines for AAQM 9 Lead as Pb Not Detected NS\*  $\mu a/m^3$ 1.0 (Vol.I, NAAQMS/36/2012-13) 10 Carbon Monoxide as CO<sup>\$</sup> 0.29 mg/m<sup>3</sup> NS\* 4.0 IS 5182 (Part 10) IS 5182 (Part-11) 11 Not Detected Benzene as C<sub>6</sub>H<sub>6</sub> NS\* 5.0  $\mu g/m^3$ CPCB guidelines for AAQM Benzo (a) Pyrene (BaP) 12 Not Detected ng/m<sup>3</sup> NS\* 1.0 particulate phase only (Vol. I, NAAQMS/36/2012-13) CPCB guidelines for AAQM 13 Arsenic as As ng/m<sup>3</sup> Not Detected NS\* 6.0 (Vol. I, NAAQMS/36/2012-13) CPCB guidelines for AAQM NS\* 20 14 Nickel as Ni ng/m<sup>3</sup> Not Detected (Vol. I, NAAQMS/36/2012-13

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O3) sampling duration 1 hrs and sample Analyzed on same Day, \$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb: 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>,

Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCI: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>

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**Ravi Jariwala** Sr. Environmental Scientist

forion Dr. Arun Bajpai Lab Manager(Q)

● ISO 14001:2004 ● OHSAS 18001:2007 ● ISO 9001:2008

Note: This report is subject to terms & conditions mentioned overleaf. \*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 schedule II auditor

• GPCB apprved

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

Customer's Name and Address :

QF/7.8/07-AQ Page: 1 of 1

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Dr. Arun Bajpai

Lab Manager(Q)

OHSAS 18001 : 2007 • ISO 9001 : 2008

 M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL).
 Test Report No.
 :
 PL/L/24/0173

 BLOCK NO. 21, VILLAGE DABHASA,<br/>TAL: PADRA, DIST: VADODARA.
 Issue Date
 :
 15/11/2024

 Customer's Ref.
 :
 P.O.NO:3100299391

 DATE: 27.04.2024

Sampling Location		Main Gate Terrace	GPS Location	3	N-22° 15.441' E-73° 02.438'
Date of Sampling	110	07/11/2024	Sampling Procedure	ICON.	As per table
Sampling By	ICON	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	DN PC	Ambient Air Quality Monitoring
Sample Receipt Date	LUC	08/11/2024	Lab ID	EON	L/2411/03 (A – J)
Date of Starting of Test	1000	08/11/2024	Sampling Duration	and a	24 Hrs.
Date of Completion of Test	ICON	12/11/2024	Test Method	DN PC	As per table
Instrument Used & Calibration Due Date		RDS Sampler : Envirotech, APM Date of Issued: 14/08/2024 and FDS Sampler : Drop Enviro, DEE Date of Issued: 10/08/2024 and	d Due Date: 14/08/2025 S-FDS-007		POLLUCON POLLUCON POLLUCON POL PLUICON POLLUCON POLLUCON POLLU POLLUCON POLLUCON POLLUCON POL PLUICON POLLUCON POLLUCON POLLUCON POLLUCON POLLUCON

**RESULT TABLE** 

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT	
10	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	78.34	100	100	IS 5182 (Part 23)	
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m³	40.34	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)	
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m³	15.63	80	80	IS 5182 (Part 2)	
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	34.52	80	80	IS 5182 (Part 6)	
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCI - 01	
6	Ammonia as NH <sub>3</sub>	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part 19)	
8	Ozone as O <sub>3</sub> <sup>\$</sup>	µg/m <sup>3</sup>	16.42	NS*	180	IS 5182 (Part 9)	
9	Lead as Pb	µg/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)	
10	Carbon Monoxide as CO <sup>\$</sup>	mg/m <sup>3</sup>	0.37	NS*	4.0	IS 5182 (Part 10)	
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0 00	IS 5182 (Part-11)	
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)	
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)	
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)	

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, \$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb :  $0.1 \mu g/m^3$ , Benzene as C<sub>6</sub>H<sub>6</sub>:  $2.0 \mu g/m^3$ , Benzo (a) Pyrene (BaP) - particulate phase only:  $0.5 ng/m^3$ , Arsenic as As:  $2.0 ng/m^3$ . Nickel as Ni:  $5.0 ng/m^3$ , Hydro Chloric Acid As HCI:  $5.0 \mu g/m^3$ , Chlorine as Cl<sub>2</sub>:  $15 \mu g/m^3$ , Ammonia (NH<sub>3</sub>):  $2.0 \mu g/m^3$ .

Rung

Ravi Jariwala Sr. Environmental Scientist

Note: This report is subject to terms & conditions mentioned overlea

\*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986

 GPCB apprved schedule II auditor ISO 14001:2004

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.



Customer's Name and Address :

M/s.

QF/7.8/07-AQ

Dr. Arun Bajpai

Lab Manager(Q)

2007

9001 :

omer's Name and Address :	ON POLLICON POLLICON POLLI	Page: 1 of 1
DELUCON POLITICON POLITICO	Test Report No. :	PL/L/24/0174
LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA,	Issue Date :	15/11/2024
TAL: PADRA, DIST: VADODARA.	Customer's Ref. :	P.O.NO:3100299391 DATE:27.04.2024

Sampling Location	LUIG	New Ware House II (Terrace)			POLLICON POLLICON POLLICON POLL
Date of Sampling		07/11/2024	Sampling Procedure	CON	As per table
Sampling By	LCON	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	DN.PC	Ambient Air Quality Monitoring
Sample Receipt Date	ICON	08/11/2024	Lab ID	NIX	L/2411/04 (A – J)
Date of Starting of Test <sup>^</sup>		08/11/2024	Sampling Duration	DN PC	24 Hrs.
Date of Completion of Test	LIC	12/11/2024	Test Method	ICON	As per table
Instrument Used & Calibration Due Date		RDS Sampler : Envirotech, APM Date of Issued: 14/08/2024 and FDS Sampler : Drop Enviro, DEE Date of Issued: 10/08/2024 and	d Due Date: 14/08/2025 S-FDS-008		VELLICON FOLLUCON FOLLUCON FOLL FOLLICON FOLLICON FOLLUCON FOLLU DILLICON FOLLUCON FOLLUCON FOLLU FOLLUCON FOLLUCON FOLLUCON FOLLU

#### **RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	63.34	100	100	IS 5182 (Part 23)
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m³	30.40	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	10.34	80 80	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	ON POL31.51 POLLU	80	80	IS 5182 (Part 6)
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCI – 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m³	Not Detected	100	NS*	IS 5182 (Part 19)
8	Ozone as O <sub>3</sub> <sup>\$</sup>	µg/m <sup>3</sup>	9.46	NS*	180	IS 5182 (Part 9)
9	Lead as Pb	µg/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>\$</sup>	mg/m <sup>3</sup>	0.44	NS*	4.0	IS 5182 (Part 10)
110	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day \$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

S: Carbon Monoxide as CO sampling duration1 nrs. NS\*: Not Specified

@: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>

Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0  $\mu$ g/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15  $\mu$ g/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0  $\mu$ g/m<sup>3</sup>.

Kung **Ravi Jariwala** 

#### Sr. Environmental Scientist

Note: This report is subject to terms & conditions mentioned overlea

\*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986

 GPCB apprved schedule II auditor ISO 14001 :

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

QF/7.8/07-AQ Customer's Name and Address : Page: 1 of 1 Test Report No. PL/L/24/0185 5 M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, **Issue Date** 14/12/2024 TAL: PADRA, DIST: VADODARA. P.O.NO:3100299391 Customer's Ref. DATE:27.04.2024 N-22º 15.246' E-73º 02.225' Sampling Location **ETP Terrace GPS** Location 2 Date of Sampling 10/12/2024 Sampling Procedure As per table Sampling By Pollucon Laboratories Pvt. Ltd. Protocol (purpose) **Ambient Air Quality Monitoring** L/2412/01 (A - J) Sample Receipt Date 11/12/2024 Lab ID Date of Starting of Test<sup>^</sup> 11/12/2024 Sampling Duration 24 Hrs. Date of Completion of Test 14/12/2024 **Test Method** As per table RDS Sampler : Envirotech, APM 460 , 337-G-22 Instrument Used & Calibration Date of Issued: 14/08/2024 and Due Date: 14/08/2025 FDS Sampler : Yash PM 2.5 Model: NOS-PNS-PM2.5, Sr. No. 170302052 Due Date Date of Issued: 24/02/2024 and Due Date: 23/02/2025 **RESULT TABLE** SR. **GPCB** TEST PARAMETERS UNIT RESULTS LIMIT<sup>®</sup> **METHOD OF MEASUREMENT** NO. LIMIT<sup>#</sup> 1 Particulate Matter (PM<sub>10</sub>)  $\mu q/m^3$ 72.64 100 100 IS 5182 (Part 23) CPCB guidelines for AAQM 2 40.38 60 60 Particulate Matter (PM<sub>2.5</sub>)  $\mu g/m^3$ (Vol. I, NAAQMS/36/2012-13) 3 Oxides of Sulphur as SO<sub>2</sub>  $\mu q/m^3$ 19.61 80 80 IS 5182 (Part 2) 4 Oxides of Nitrogen as NO<sub>2</sub>  $\mu q/m^3$ 39.47 80 80 IS 5182 (Part 6) 5 Hydrochloric Acid as HCl  $\mu g/m^3$ Not Detected 200 NS\* USEPA 26A & SOP HCI - 01 CPCB quidelines for AAOM 6 Ammonia as NH<sub>3</sub> Not Detected 480 400  $\mu q/m^3$ (Vol. I, NAAQMS/36/2012-13) 7 Chlorine as Cl<sub>2</sub> Not Detected 100 NS\* IS 5182 (Part 19)  $\mu q/m^3$ Ozone as  $O_3$ <sup>\$</sup> 8 180 IS 5182 (Part 9)  $\mu g/m^3$ 14.38 NS\* CPCB guidelines for AAQM 9 Lead as Ph  $\mu q/m^3$ Not Detected NS\* 1.0 (Vol.I, NAAQMS/36/2012-13) 10 Carbon Monoxide as CO<sup>\$</sup> mg/m<sup>3</sup> 0.30 NS\* 4.0 IS 5182 (Part 10) IS 5182 (Part-11) 11 Benzene as C<sub>6</sub>H<sub>6</sub>  $\mu g/m^3$ Not Detected NS\* 5.0 Benzo (a) Pyrene (BaP) CPCB guidelines for AAQM 12 ng/m<sup>3</sup> Not Detected NS\* 1.0 particulate phase only (Vol. I, NAAQMS/36/2012-13) CPCB quidelines for AAQM Not Detected 6.0 13 Arsenic as As ng/m<sup>3</sup> NS\* (Vol. I, NAAQMS/36/2012-13) CPCB guidelines for AAQM 14 NS\* 20 Nickel as Ni ng/m<sup>3</sup> Not Detected (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O3) sampling duration 1 hrs and sample Analyzed on same Day, \$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>,

Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>

Ravij.

**Ravi Jariwala** Sr. Environmental Scientist

Dr. Arun Bajpai Lab Manager(Q)

forion

● ISO 14001:2004 ● OHSAS 18001:2007 ● ISO 9001:2008

Note: This report is subject to terms & conditions mentioned overleaf. \*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 schedule II auditor

GPCB apprved

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.



QF/7.8/07-AQ

		OLUTIONS LIMITED (LMSL).		Test Rep	ort No.	DLLUCON	PL/L/24/0186
BLOCK NO. 21, VILLAG	E D	ABHASA,		Issue Dat	te		14/12/2024
TAL: PADRA, DIST: VA	DOD	ARA. LUCON POLLICON POLLICON POL POLLICON POLLICON POLLICON POL PON POLLICON POLLICON POLLICON P	OLLUCON POLLUCO LUCON POLLUCO OLLUCON POLLUC	Customer	's Ref.		P.O.NO:3100299391 DATE:27.04.2024
Sampling Location	<u>U</u> g	S.R.U1	GPS Location	ON POLLU	EGN IN	N-22°	15.436' E-73° 02.337'
Date of Sampling	LUC	10/12/2024	Sampling Proce	dure	CON P	As per	table
Sampling By	100N	Pollucon Laboratories Pvt. Ltd.	Protocol (purpo	ose)	N POL	Ambie	ent Air Quality Monitoring
Sample Receipt Date	ICON	11/12/2024	Lab ID		N-POL	L/241	2/02 (A – J)
Date of Starting of Test <sup>^</sup>	LUC	11/12/2024	Sampling Dura	tion	CON POL	24 Hrs	N POLLUCON POLLUCON POL POLLUCON POLLUCON POLLU
Date of Completion of Test	Luci	14/12/2024	Test Method		CON N	As per	table CON POLLUCON POL
Instrument Used & Calibration Due Date		RDS Sampler : Envirotech, APM Date of Issued: 14/08/2024 and FDS Sampler : Drop Enviro, DEE Date of Issued: 10/08/2024 and	Due Date: 14, S-FDS-006	/08/2025			

#### **RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	60.35	100	100	IS 5182 (Part 23)
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m³	38.49	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	25.36		80.00	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	34.51	80	80	IS 5182 (Part 6)
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCI - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part 19)
8	Ozone as O <sub>3</sub> <sup>\$</sup>	µg/m <sup>3</sup>	20.24	NS*	180	IS 5182 (Part 9)
9	Lead as Pb	µg/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>\$</sup>	mg/m <sup>3</sup>	0.37	NS*	4.0	IS 5182 (Part 10)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O3) sampling duration 1 hrs and sample Analyzed on sam \$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCI: 5.0 μg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 μg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 μg/m

Runif.

**Ravi Jariwala** . Environmental Scientist

Note: This report is subject to terms & conditions mentioned overlea

\*\*\*End of Report\*\*\*

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 GPCB apprved schedule II auditor • ISO 14001 :

forion

Dr. Arun Bajpai

Lab Manager(Q)

2007

9001 :

• ISO

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.



Customer's Name and Address :

QF/7.8/07-AQ Page: 1 of 1

	Test Report No. :	PL/L/24/0187
M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA,	Issue Date :	14/12/2024
TAL: PADRA, DIST: VADODARA.	Customer's Ref. :	P.O.NO:3100299391 DATE:27.04.2024

Sampling Location	LLUC	Main Gate Terrace	GPS Location	CON	N-22° 15.441' E-73° 02.438'
Date of Sampling	LICON	10/12/2024	Sampling Procedure	N PC	As per table
Sampling By	11100	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	CON	Ambient Air Quality Monitoring
Sample Receipt Date	1.	11/12/2024	Lab ID	CON.	L/2412/03 (A – J)
Date of Starting of Test	ICON	11/12/2024	Sampling Duration	NIC	24 Hrs.
Date of Completion of Test	LLIC(	14/12/2024	Test Method	CON	As per table
Instrument Used & Calibration Due Date		RDS Sampler : Envirotech, APM Date of Issued: 14/08/2024 and FDS Sampler : Drop Enviro, DEE Date of Issued: 10/08/2024 and	d Due Date: 14/08/2025 S-FDS-007		NELLICON POLLUCON POL

#### **RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	84.34	100	100	IS 5182 (Part 23)
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m³	44.35	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	18.68	0N 80 UCC	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	37.42	80	80	IS 5182 (Part 6)
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCI – 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part 19)
8	Ozone as O <sub>3</sub> <sup>\$</sup>	µg/m <sup>3</sup>	18.67	NS*	180	IS 5182 (Part 9)
9	Lead as Pb	µg/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>\$</sup>	mg/m <sup>3</sup>	0.41	NS*	4.0	IS 5182 (Part 10)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Da \$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup> Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup> Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup> Ammonia (NH-): 2.0 µg/m<sup>3</sup>

Ravij?

Ravi Jariwala Sr. Environmental Scientist

rim Dr. Arun Bajpai Lab Manager(Q)

2007

• ISO 9001 :

2008

Note: This report is subject to terms & conditions mentioned overleaf

\*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 GPCB apprved schedule II auditor ISO 14001

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.



QF/7.8/07-AQ Customer's Name and Address : Page: 1 of 1 Test Report No. : PL/L/24/0188 M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, **Issue Date** 14/12/2024 TAL: PADRA, DIST: VADODARA. P.O.NO:3100299391 Customer's Ref. DATE:27.04.2024 Sampling Location New Ware House II (Terrace) Date of Sampling 10/12/2024 Sampling Procedure As per table Sampling By Pollucon Laboratories Pvt. Ltd. Protocol (purpose) **Ambient Air Quality Monitoring** Sample Receipt Date<sup>^</sup> 11/12/2024 Lab ID L/2412/04 (A - J) Date of Starting of Test<sup>^</sup> 11/12/2024 Sampling Duration 24 Hrs. Date of Completion of Test 14/12/2024 Test Method As per table RDS Sampler : Envirotech, APM 460 , 347-G-22 Instrument Used & Calibration Date of Issued: 14/08/2024 and Due Date: 14/08/2025 Due Date FDS Sampler : Drop Enviro, DEES-FDS-008 Date of Issued: 10/08/2024 and Due Date: 09/08/2025 **RESULT TABLE** SR. GPCB RESULTS LIMIT<sup>®</sup> **TEST PARAMETERS** UNIT METHOD OF MEASUREMENT NO. LIMIT<sup>#</sup> 1 Particulate Matter (PM<sub>10</sub>) µg/m<sup>3</sup> 67.58 100 100 IS 5182 (Part 23) CPCB guidelines for AAQM 2 Particulate Matter (PM<sub>2.5</sub>) 34.36 60 60  $\mu g/m^3$ (Vol. I, NAAOMS/36/2012-13) 3 Oxides of Sulphur as SO<sub>2</sub>  $\mu g/m^3$ 12.45 80 80 IS 5182 (Part 2) 4 Oxides of Nitrogen as NO<sub>2</sub> µg/m<sup>3</sup> 33.51 80 80 IS 5182 (Part 6) 5 Hydrochloric Acid as HCl Not Detected 200 NS\* USEPA 26A & SOP HCI - 01  $\mu g/m^3$ CPCB guidelines for AAQM 6 Ammonia as NH<sub>3</sub>  $\mu q/m^3$ Not Detected 480 400 (Vol. I, NAAQMS/36/2012-13) 7 Chlorine as Cl<sub>2</sub> NS\* IS 5182 (Part 19)  $\mu g/m^3$ Not Detected 100 8 Ozone as  $O_3^{\$}$ µg/m<sup>3</sup> 10 36 NS\* 180 IS 5182 (Part 9) CPCB guidelines for AAOM 9 Lead as Pb Not Detected  $\mu g/m^3$ NS\* 1.0 (Vol.I, NAAQMS/36/2012-13) 10 Carbon Monoxide as CO<sup>\$</sup> mg/m<sup>3</sup> 0.50 NS\* 4.0 IS 5182 (Part 10) 5.0 IS 5182 (Part-11) 11 Benzene as C<sub>6</sub>H<sub>6</sub>  $\mu g/m^3$ Not Detected NS\* Benzo (a) Pyrene (BaP) CPCB guidelines for AAQM 12 ng/m<sup>3</sup> Not Detected NS\* 1.0 particulate phase only (Vol. I, NAAQMS/36/2012-13) CPCB guidelines for AAQM 13 Arsenic as As ng/m<sup>3</sup> Not Detected NS\* 6.0 (Vol. I, NAAQMS/36/2012-13) CPCB guidelines for AAQM 20 14 Not Detected NS\* Nickel as Ni  $nq/m^3$ (Vol. I, NAAQMS/36/2012-13

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O3) sampling duration 1 hrs and sample Analyzed on same Day, \$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb: 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>,

Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.

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**Ravi Jariwala** Sr. Environmental Scientist

Note: This report is subject to terms & conditions mentioned overleaf.

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● ISO 14001:2004 ● OHSAS 18001:2007 ● ISO 9001:2008

Dr. Arun Bajpai

Lab Manager(Q)

\*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 schedule II auditor

GPCB apprved

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.



Custo	omer's Name and A	ddress :					QF/7.8/07-AQ Page: 1 of 1
В	UPIN MANUFACTURING LOCK NO. 21, VILLAGE I AL: PADRA, DIST: VADO	DABHASA,	NS LIMITED (LI	WSL).	LLICON POLLUC UCON POLLUC LEUCON POLLUC UCON POLLUC LLICON POLLUC UCON POLLUC LLUCON POLLUC	Test Report Issue Date Customer's	: 17/01/2025 P. O. NO: 3100299391
Date Samp Date Date o Instru	ling Location of Sampling ling By le Receipt Date <sup>^</sup> of Starting of Test <sup>^</sup> f Completion of Test iment Used & ration Due Date	: 06, : Poll : 07, : 07, : 11, RDS : Date : FDS	e of Issued: 14/0 Sampler : Yash F	otech, APM 460 , 33 8/2024 and Due Dat PM 2.5 Model: NOS-	te: 14/08/2025 PNS-PM2.5, Sr. N	ocedure : rpose) : ration :	N-22° 15.246' E-73° 02.225' As per table Ambient Air Quality Monitoring L/2501/01 (A – J) 24 Hrs. As per table
UCON P	DILUCON POLLUCON POL	LUCON PO	e of Issued: 24/0	2/2024 and Due Dat RESULT TA		ON POLLUCO	POLLICON POLLICON POLLICON POL
SR. NO.	TEST PARAME	TERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM	И <sub>10</sub> )	μg/m <sup>3</sup>	63.46	100	100	IS 5182 (Part 23)
2	Particulate Matter (PN	Л <sub>2.5</sub> )	µg/m³	37.48	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as S	02	μg/m <sup>3</sup>	16.85	80	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as	NO <sub>2</sub>	μg/m <sup>3</sup>	34.25	80	80	IS 5182 (Part 6)
5	Hydrochloric Acid as H	ICI	μg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCI – 01
6	Ammonia as NH <sub>3</sub>	LUCON POL	µg/m³	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
700	Chlorine as Cl <sub>2</sub>	JCON D AL	μg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part 19)
8	Ozone as $O_3^{\$}$	icot ou	μg/m <sup>3</sup>	13.47	NS*	180	IS 5182 (Part 9)
9	Lead as Pb	LU ON PO	μg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as (	CO <sup>\$</sup>	mg/m <sup>3</sup>	0.41	NS*	4.0	IS 5182 (Part 10)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	LUCON PO	μg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP particulate phase only		ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	LUCON POLI	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	LUCON PO	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, \$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb :  $0.1 \mu g/m^3$ , Benzene as C<sub>6</sub>H<sub>6</sub>:  $2.0 \mu g/m^3$ , Benzo (a) Pyrene (BaP) - particulate phase only:  $0.5 ng/m^3$ , Arsenic as As:  $2.0 ng/m^3$ , Nickel as Ni:  $5.0 ng/m^3$ , Hydro Chloric Acid As HCI:  $5.0 \mu g/m^3$ , Chlorine as Cl<sub>2</sub>:  $15 \mu g/m^3$ , Ammonia (NH<sub>3</sub>):  $2.0 \mu g/m^3$ .

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Ravi Jariwala Sr. Environmental Scientist

Dr. Arun Bajpai Lab Manager(Q)

2007

9001

Note: This report is subject to terms & conditions mentioned overlea \*\*\*End of Report\*\*\*

Recognised by MoEF, New Delhi Under
 Sec. 12 of Environmental (Protection) Act-1986

 GPCB apprved schedule II auditor ISO 14001 :

2004

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.



Customer's Name and Address :

QF/7.8/07-AQ Page: 1 of 1

## M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL).<br/>BLOCK NO. 21, VILLAGE DABHASA,<br/>TAL: PADRA, DIST: VADODARA.Test Report No.:PL/L/25/0002SubscriptionIssue Date:17/01/2025Customer's Ref.:P.O.NO:3100299391<br/>DATE:27.04.2024

LICON POLLICON POLLICON POL	1165	N POLLEON POLLCON POLLOGIN	POLLIEON POLLICON POLLI	CIN I	BELICON POLLICON POLLUCON PO			
Sampling Location	CON	S.R.U1	GPS Location	N-TO	N-22° 15.436' E-73° 02.337'			
Date of Sampling	CON	06/01/2025	Sampling Procedure	Niro	As per table			
Sampling By	LUCO	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	CON I	Ambient Air Quality Monitoring			
Sample Receipt Date	Lucc	07/01/2025	Lab ID	ONI	L/2501/02 (A – J)			
Date of Starting of Test	CON	07/01/2025	Sampling Duration	N RO	24 Hrs.			
Date of Completion of Test	CON	11/01/2025	Test Method	N-PO	As per table			
Instrument Used & Calibration Due Date		RDS Sampler : Envirotech, APM 460 , 338-G-22 Date of Issued: 14/08/2024 and Due Date: 14/08/2025 FDS Sampler : Drop Enviro, DEES-FDS-006 Date of Issued: 10/08/2024 and Due Date: 09/08/2025						

of Issued: 10/08/2024 and Due Date: 09/08/20 RESULT TABLE

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SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT	
1	Particulate Matter (PM <sub>10</sub> )	μg/m <sup>3</sup>	57.62	100	100	IS 5182 (Part 23)	
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m³	34.36	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)	
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	18.41	80	80	IS 5182 (Part 2)	
4	Oxides of Nitrogen as NO <sub>2</sub>	μg/m <sup>3</sup>	29.42	80 08	80	IS 5182 (Part 6)	
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCI – 01	
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)	
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part 19)	
8	Ozone as $O_3$	μg/m <sup>3</sup>	17.57	NS*	180	IS 5182 (Part 9)	
9	Lead as Pb	µg/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)	
10	Carbon Monoxide as CO <sup>\$</sup>	mg/m <sup>3</sup>	0.48	NS*	4.0	IS 5182 (Part 10)	
11	Benzene as C <sub>6</sub> H <sub>6</sub>	μg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11)	
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected NS* 1.0	ng/m <sup>3</sup> Not Detected N	1.0	NS* 1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)	
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)	

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day \$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb :  $0.1 \,\mu g/m^3$ , Benzene as C<sub>6</sub>H<sub>6</sub>:  $2.0 \,\mu g/m^3$ , Benzo (a) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Arsenic as As:  $2.0 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Arsenic as As:  $2.0 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Arsenic as As:  $2.0 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \,n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase on g/m^3, Benzo (b) Pyrene (BaP) - particulate phase on g/m^3, Benzo

Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 μg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 μg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 μg/m<sup>3</sup>.

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Ravi Jariwala Sr. Environmental Scientist

Dr. Arun Bajpai Lab Manager(Q)

:2007 • ISO 9001 : 2008

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**OHSAS 18001** 

Note: This report is subject to terms & conditions mentioned overlea \*\*\*End of Report\*\*\*

• Recognised by MoEF, New Delhi Under

Sec. 12 of Environmental (Protection) Act-1986

 GPCB apprved schedule II auditor ISO 14001 : 2004

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.



Customer's Name and Address :

QF/7.8/07-AQ Page: 1 of 1

#### M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.

POLLU	Test Report No.	PL/L/25/0003
POLLU	Issue Date	17/01/2025
POLLUCO	Customer's Ref.	P.O.NO:3100299391 DATE:27.04.2024

Dr. Arun Bajpai

Lab Manager(Q)

2007

• ISO 9001 :

2008

Sampling Location	illoc	Main Gate Terrace	GPS Location	d N	N-22° 15.441' E-73° 02.438'
Date of Sampling	CON	06/01/2025	Sampling Procedure	N-INC	As per table
Sampling By	ICON	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	N PC	Ambient Air Quality Monitoring
Sample Receipt Date	LICO	07/01/2025	Lab ID	ON.	L/2501/03 (A – J)
Date of Starting of Test	LICO	07/01/2025	Sampling Duration	CHI	24 Hrs.
Date of Completion of Test	CON	11/01/2025	Test Method	N.PC	As per table
Instrument Used &	ICON	RDS Sampler : Envirotech, APM 460 Date of Issued: 14/08/2024 and Due	CLUBER FURNING FURNING		POLLUCON POL
Calibration Due Date	ICON 11100	FDS Sampler : Drop Enviro, DEES-FD Date of Issued: 10/08/2024 and Due		N IN	DELUCON POLILICON POLILICON POLILICON POLILICON POLILICON POLILICON POLILICON PO

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	74.24	100	100	IS 5182 (Part 23)
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m³	40.26	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	14.56	80	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO <sub>2</sub>	μg/m <sup>3</sup>	36.41	80	80	IS 5182 (Part 6)
50	Hydrochloric Acid as HCl	μg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCI – 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
700	Chlorine as Cl <sub>2</sub>	μg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part 19)
8	Ozone as $O_3^{\$}$	μg/m <sup>3</sup>	16.43	NS*	180	IS 5182 (Part 9)
9	Lead as Pb	µg/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>\$</sup>	mg/m <sup>3</sup>	0.55	NS*	4.0	IS 5182 (Part 10)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	μg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, \$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb :  $0.1 \ \mu g/m^3$ , Benzene as C<sub>6</sub>H<sub>6</sub>:  $2.0 \ \mu g/m^3$ , Benzo (a) Pyrene (BaP) - particulate phase only:  $0.5 \ ng/m^3$ , Arsenic as As:  $2.0 \ ng/m^3$ , Nickel as Ni:  $5.0 \ ng/m^3$ , Hydro Chloric Acid As HCI:  $5.0 \ \mu g/m^3$ , Chlorine as Cl<sub>2</sub>:  $15 \ \mu g/m^3$ , Ammonia (NH<sub>3</sub>):  $2.0 \ \mu g/m^3$ .

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Ravi Jariwala Sr. Environmental Scientist

Note: This report is subject to terms & conditions mentioned overlead

\*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986  GPCB apprved schedule II auditor ISO 14001:

2004

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.



Customer's Name and Address :

Sampling Location

QF/7.8/07-AQ Page: 1 of 1

## M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). Test Report No. BLOCK NO. 21, VILLAGE DABHASA, Issue Date TAL: PADRA, DIST: VADODARA. Customer's Ref.

New Ware House II (Terrace)

ner's	Ref.	DATE:27.04.2024
		LILICON POLLUCON POLLUCON
re	ro	As per table
)	POL	Ambient Air Quality Monitoring

in

Dr. Arun Bajpai

Lab Manager(Q)

**OHSAS 18001** 

:2007 • ISO 9001 : 2008

PL/L/25/0004

P.O.NO:3100299391

17/01/2025

Date of Sampling	ICON	06/01/2025	Sampling Procedure	0.10	As per table
Sampling By	LUCON	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)		Ambient Air Quality Monitoring
Sample Receipt Date	LUCC	07/01/2025	Lab ID	QN.	L/2501/04 (A – J)
Date of Starting of Test	LUCC	07/01/2025	Sampling Duration		24 Hrs.
Date of Completion of Test	ICON	11/01/2025	Test Method	N-PO	As per table
Instrument Used & Calibration Due Date		RDS Sampler : Envirotech, APM 460 Date of Issued: 14/08/2024 and Due FDS Sampler : Drop Enviro, DEES-FD Date of Issued: 10/08/2024 and Due	Date: 14/08/2025 S-008		

#### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT	
1	Particulate Matter (PM <sub>10</sub> )	μg/m <sup>3</sup>	61.22	100	100	IS 5182 (Part 23)	
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	30.44	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)	
3	Oxides of Sulphur as SO <sub>2</sub>	μg/m <sup>3</sup>	8.47	80	80	IS 5182 (Part 2)	
4	Oxides of Nitrogen as NO <sub>2</sub>	μg/m <sup>3</sup>	28.48	80	80	IS 5182 (Part 6)	
5	Hydrochloric Acid as HCl	μg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCI – 01	
6	Ammonia as NH <sub>3</sub>	μg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)	
7	Chlorine as Cl <sub>2</sub>	μg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part 19)	
8	Ozone as $O_3^{\$}$	μg/m <sup>3</sup>	12.49	NS*	180	IS 5182 (Part 9)	
9	Lead as Pb	µg/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)	
10	Carbon Monoxide as CO <sup>\$</sup>	mg/m <sup>3</sup>	0.62	NS*	4.0	IS 5182 (Part 10)	
11	Benzene as C <sub>6</sub> H <sub>6</sub>	μg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11)	
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	<sup>3</sup> Not Detected NS* 1.0	ng/m <sup>3</sup> Not Detected	NS* 1.0	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)	
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)	

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same D \$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb :  $0.1 \, \mu g/m^3$ , Benzene as C<sub>6</sub>H<sub>6</sub>:  $2.0 \, \mu g/m^3$ , Benzo (a) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Arsenic as As:  $2.0 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Arsenic as As:  $2.0 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Brenzenic as As:  $2.0 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Brenzenic as As:  $2.0 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Brenzenic as As:  $2.0 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Brenzenic as As:  $2.0 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Brenzenic as As:  $2.0 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Brenzenic as As:  $2.0 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Brenzenic as As:  $2.0 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase only:  $0.5 \, n g/m^3$ , Benzo (b) Pyrene (BaP) - particulate phase on particulat

Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.

Ravij.

Ravi Jariwala Sr. Environmental Scientist

Note: This report is subject to terms & conditions mentioned overleast

\*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986  GPCB apprved schedule II auditor ISO 14001:

2004

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

QF/7.8/07-AQ Customer's Name and Address : Page: 1 of 1 Test Report No. PL/L/25/0015 M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). **BLOCK NO. 21, VILLAGE DABHASA,** Issue Date 11/02/2025 TAL: PADRA, DIST: VADODARA. P.O.NO:3100299391 Customer's Ref. 5 DATE:27.04.2024 **GPS** Location N-22º 15.246' E-73º 02.225' Sampling Location **ETP** Terrace : Date of Sampling 03/02/2025 Sampling Procedure As per table Sampling By Pollucon Laboratories Pvt. Ltd. Protocol (purpose) **Ambient Air Quality Monitoring** Sample Receipt Date 04/02/2025 Lab ID L/2502/01 (A - J) Date of Starting of Test<sup>^</sup> 04/02/2025 Sampling Duration 24 Hrs. Date of Completion of Test 10/02/2025 Test Method As per table RDS Sampler : Envirotech, APM 460 , 337-G-22 Instrument Used & Calibration Date of Issued: 14/08/2024 and Due Date: 14/08/2025 FDS Sampler : Yash PM 2.5 Model: NOS-PNS-PM2.5, Sr. No. 170302052 Due Date Date of Issued: 24/02/2024 and Due Date: 23/02/2025 **RESULT TABLE** SR. GPCB RESULTS LIMIT<sup>®</sup> TEST PARAMETERS UNIT **METHOD OF MEASUREMENT** NO. LIMIT<sup>#</sup> Particulate Matter (PM<sub>10</sub>)  $\mu g/m^3$ 60.46 100 100 IS 5182 (Part 23) 1 CPCB guidelines for AAQM Particulate Matter (PM<sub>2.5</sub>) 34.37 60 2  $\mu q/m^3$ 60 (Vol. I, NAAQMS/36/2012-13) 3 Oxides of Sulphur as SO<sub>2</sub> 14.21 80 80  $\mu g/m^3$ IS 5182 (Part 2) 4 Oxides of Nitrogen as NO<sub>2</sub>  $\mu g/m^3$ 31.52 80 80 IS 5182 (Part 6) 5 Hydrochloric Acid as HCl µg/m<sup>3</sup> Not Detected 200 NS\* USEPA 26A & SOP HCI - 01 CPCB guidelines for AAQM µg/m<sup>3</sup> 480 400 6 Ammonia as NH<sub>3</sub> Not Detected (Vol. I, NAAQMS/36/2012-13) Chlorine as Cl<sub>2</sub> 7 Not Detected 100 NS\* IS 5182 (Part 19)  $\mu g/m^3$ 8 Ozone as O<sub>3</sub><sup>\$</sup>  $\mu g/m^3$ 11.33 NS\* 180 IS 5182 (Part 9) CPCB guidelines for AAQM 9 Lead as Pb Not Detected  $\mu q/m^3$ NS\* 1.0 (Vol.I, NAAQMS/36/2012-13) Carbon Monoxide as CO<sup>\$</sup> 4.0 10 mg/m<sup>3</sup> 0.37 NS\* IS 5182 (Part 10) 11 Benzene as C<sub>6</sub>H<sub>6</sub> µg/m<sup>3</sup> Not Detected NS\* 5.0 IS 5182 (Part-11) Benzo (a) Pyrene (BaP) CPCB auidelines for AAOM 12 ng/m<sup>3</sup> Not Detected NS\* 1.0 particulate phase only (Vol. I, NAAQMS/36/2012-13) CPCB guidelines for AAQM 13 Arsenic as As Not Detected NS\* 6.0 ng/m<sup>3</sup> (Vol. I, NAAQMS/36/2012-13) CPCB guidelines for AAQM 14 Nickel as Ni ng/m<sup>3</sup> Not Detected NS\* 20 (Vol. I, NAAQMS/36/2012-13

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O3) sampling duration 1 hrs and sample Analyzed on same Day, \$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit:Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>,

Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCI: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>

Ravij.

**Ravi Jariwala** 

Sr. Environmental Scientist

Note: This report is subject to terms & conditions mentioned overleaf.

\*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 schedule II auditor

GPCB apprved

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

forion

● ISO 14001:2004 ● OHSAS 18001:2007 ● ISO 9001:2008

Dr. Arun Bajpai Lab Manager(Q)



QF/7.8/07-AQ

		OLUTIONS LIMITED (LMSL).	DILUCON POLLUC	Test Rep	ort No.	DLLUCON	PL/L/25/0016
BLOCK NO. 21, VILLAG	ABHASA,	Issue Dat	te	DELUCON	11/02/2025		
TAL: PADRA, DIST: VA	DOD	ARA. LUCON POLLICON POLLICON POL POLLICON POLLICON POLLICON POL PON POLLICON POLLICON POLLICON POL	Dilucon Palluco Lucon Polluco Dilucon Polluc	Customer	's Ref.		P.O.NO:3100299391 DATE:27.04.2024
Sampling Location	<u>u</u> g	S.R.U1	GPS Location	ON POLLU	EGN IN	N-22°	15.436' E-73° 02.337'
Date of Sampling	LUCO	03/02/2025	Sampling Proce	dure	CON P	As per	table
Sampling By	ICON	Pollucon Laboratories Pvt. Ltd.	Protocol (purpo	ose)	N POL	Ambie	ent Air Quality Monitoring
Sample Receipt Date	ICON	04/02/2025	Lab ID		N: POL	L/250	2/02 (A – J)
Date of Starting of Test	LUC ICON	04/02/2025	Sampling Durat	tion	CON POL	24 Hrs	N POLLUCON POLLUCON POL POLLUCON POLLUCON POLLU
Date of Completion of Test	Luco	10/02/2025	Test Method		CON N	As per	table
Instrument Used & Calibration Due Date		RDS Sampler : Envirotech, APM Date of Issued: 14/08/2024 and FDS Sampler : Drop Enviro, DEE Date of Issued: 10/08/2024 and	d Due Date: 14/ S-FDS-006	08/2025			N POLLICON POLLICON POL POLLICON POLLICON POL N POLLICON POLLICON POLL N POLLICON POLLICON POLL

#### **RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT	
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	50.33	100	100	IS 5182 (Part 23)	
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m³	21.35	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)	
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	15.64		80.00	IS 5182 (Part 2)	
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	25.43	80	80	IS 5182 (Part 6)	
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCI – 01	
6	Ammonia as NH <sub>3</sub>	µg/m³	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)	
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part 19)	
8	Ozone as O <sub>3</sub> <sup>\$</sup>	µg/m <sup>3</sup>	14.51	NS*	180	IS 5182 (Part 9)	
9	Lead as Pb	µg/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)	
10	Carbon Monoxide as CO <sup>\$</sup>	mg/m <sup>3</sup>	0.40	NS*	4.0	IS 5182 (Part 10)	
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11)	
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)	
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13	
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)	

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O3) sampling duration 1 hrs and sample Analyzed on sar \$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit:Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 n Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCI: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/r

Runif.

**Ravi Jariwala** . Environmental Scientist

> Note: This report is subject to terms & conditions mentioned overlea \*\*\*End of Report\*\*\*

• Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986

 GPCB apprved schedule II auditor ISO 14001 :

forion Dr. Arun Bajpai Lab Manager(Q)

2007

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

QF/7.8/07-AQ

Custor	mer's Name and Addres	ss :	IN FOLLUCON POLLUC	ON POLLICON P	OLLUCON POLLU	ICON POLLUC	ON P	Page: 1 of 1
IN POL	LUPIN MANUFACTUR BLOCK NO. 21, VILLA FAL: PADRA, DIST: V/	GE D/	ABHASA,	D (LMSL).	LIEGN POLLUG OLLUGON POLLUG DLEUGON POLLUG DLEUGON POLLUG OLLUGON POLLUG	Test Repor		: 11/02/2025 P.O.NO:3100299391
CON P	OLLICON POLLICON PO	LUC	ON POLLICON POLLIC	ON FOLLICON P	OLLUCON POLL	Customer's	Ref.	DATE:27.04.2024
Sampli	ing Location	LUCC	Main Gate Terrac	EN POLLUCON P	GPS Location	ICON POLLUC	ON P	N-22° 15.441' E-73° 02.438'
Date o	f Sampling	UCON	03/02/2025		Sampling Proc	cedure	POL	As per table
10.0	ng By	ICON	Pollucon Laborat	ories Pvt. Ltd.	Protocol (purp	oose)		Ambient Air Quality Monitori
Sample	e Receipt Date	LUCO	04/02/2025		Lab ID		ONIN	L/2502/03 (A – J)
	f Starting of Test	LICON	04/02/2025		Sampling Dur	ation	(IN)	24 Hrs.
Date of	f Completion of Test	LLUCO	10/02/2025 RDS Sampler : Er		Test Method		CONTRACTOR	As per table
SR.	TEST PARAME	TERS	UNIT	RESULT T	GPCE		@	METHOD OF MEASUREMENT
<b>NO</b> .	DITTICON GOTTICON IC	u u c	ON POLICION TO LUC	68.84		CON POLLIC	ON P	OLLUCON POLLUCON POLLUCON P
CONT	Particulate Matter (PM	110)	µg/m <sup>3</sup>	08.84	100	100	CTT IN	IS 5182 (Part 23)
2	Particulate Matter (PM	1 <sub>2.5</sub> )	µg/m³	36.58	60	60	CTOL P	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as S		µg/m <sup>3</sup>	12.31	80	80	N POL	IS 5182 (Part 2)
4	Oxides of Nitrogen as		µg/m <sup>3</sup>	34.37	80	80		IS 5182 (Part 6)
5	Hydrochloric Acid as H	ICI	µg/m <sup>3</sup>	Not Detected	200	NS*	CIN P	USEPA 26A & SOP HCI – 01
6	Ammonia as NH <sub>3</sub>		µg/m³	Not Detected	d 480	400		CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	LLUCO	µg/m <sup>3</sup>	Not Detected	100	NS*	ON P	IS 5182 (Part 19)
8	Ozone as $O_3$ <sup>\$</sup>	UCON	µg/m <sup>3</sup>	15.31	NS*	180	<b>O</b>	IS 5182 (Part 9)
9	Lead as Pb	ucoh	µg/m³	Not Detected	NS*	1.0		CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as 0	CO <sup>\$</sup>	mg/m <sup>3</sup>	0.52	NS*	4.0	N I OL	IS 5182 (Part 10)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	- TAN	µg/m³	Not Detected	d NS*	5.0		IS 5182 (Part-11)
12	Benzo (a) Pyrene (Bal particulate phase only		ng/m <sup>3</sup>	Not Detected	I NS*	1.0		CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	LLUCON	ng/m <sup>3</sup>	Not Detected	NS*	6.0		CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	LICON	ng/m <sup>3</sup>	Not Detected	I NS*	20	V TOL	CPCB guidelines for AAQM

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day \$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

ng/m<sup>3</sup>

@: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit:Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>4</sub>H<sub>a</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>,

Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 μg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 μg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 μg/m<sup>3</sup>.

Runif

14

Ravi Jariwala Sr. Environmental Scientist

Nickel as Ni

Dr. Arun Bajpai Lab Manager(Q)

2007

9001:

• ISO

2008

(Vol. I, NAAQMS/36/2012-13

Note: This report is subject to terms & conditions mentioned overlea \*\*\*End of Report\*\*\*

Not Detected

NS\*

20

• ISO 14001 :

2004

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 GPCB apprved schedule II auditor

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.



Customer's Name and Address :

QF/7.8/07-AQ Page: 1 of 1

	Test Report No.	PL/L/25/0018
M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA,	Issue Date	11/02/2025
TAL: PADRA, DIST: VADODARA.	Customer's Ref.	P.O.NO:3100299391 DATE:27.04.2024

Sampling Location	LUC	New Ware House II (Terrace	E) LUCON DE JUCON POLLU	CON	POLLICON POLLICON POLLICON POL
Date of Sampling		03/02/2025	Sampling Procedure	CONT	As per table
Sampling By	ICON	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	N.PO	Ambient Air Quality Monitoring
Sample Receipt Date	ICDN	04/02/2025	Lab ID	N:PO	L/2502/04 (A – J)
Date of Starting of Test <sup>^</sup>		04/02/2025	Sampling Duration	CON I	24 Hrs.
Date of Completion of Test	Luc	10/02/2025	Test Method	CON 1	As per table
		<b>RDS Sampler : Envirotech, A</b>	PM 460 , 347-G-22		POLLICON POLLICON POLLICON POLLU POLLICON POLLICON POLLICON POL
Instrument Used &	ICON	Date of Issued: 14/08/2024	and Due Date: 14/08	/ 202	25 ICON POLLICON POLLICON POLL
Calibration Due Date	LL LICI	FDS Sampler : Drop Enviro, I	DEES-FDS-008		POELUCON POELUCON POELUCON POE
		Date of Issued: 10/08/2024	and Due Date: 09/08	/202	25 LUCON POLLUCON POLLUCON POL

**RESULT TABLE** 

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	55.34	100	100	IS 5182 (Part 23)
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m³	27.61	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	10.35	80	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	23.43	80	80	IS 5182 (Part 6)
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCI - 01
6	Ammonia as NH <sub>3</sub>	µg/m³	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part 19)
8	Ozone as O <sub>3</sub> <sup>\$</sup>	µg/m <sup>3</sup>	10.25	NS*	180	IS 5182 (Part 9)
9	Lead as Pb	µg/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>\$</sup>	mg/m <sup>3</sup>	0.53	NS*	4.0	IS 5182 (Part 10)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0 001	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, \$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit:Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>,

Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>

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Ravi Jariwala Sr. Environmental Scientist

Note: This report is subject to terms & conditions mentioned overlea

\*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986

 GPCB apprved schedule II auditor

★\* ● ISO 14001:2004 ● OHSAS 18001:2007 ● ISO 9001:2008

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Dr. Arun Bajpai

Lab Manager(Q)

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Customer's Name and Address :

QF/7.8/07-AQ Page: 1 of 1

		1 uget 1 01 1
ICON POLLICON POLLICO	Test Report No.	PL/L/25/0030
M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.	Issue Date :	29/03/2025
TAL: PADRA, DIST: VADODAKA.	Customer's Ref. :	P.O.NO:3100299391 DATE:27.04.2024

Sampling Location	LLUC	ETP Terrace	GPS Location	SON	N-22° 15.246' E-73° 02.225'
Date of Sampling		24/03/2025	Sampling Procedure		As per table
Sampling By	LICON	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	N.PO	Ambient Air Quality Monitoring
Sample Receipt Date	LICON	25/03/2025	Lab ID	NERO	L/2503/01 (A – J)
Date of Starting of Test	LUCON	25/03/2025	Sampling Duration		24 Hrs.
Date of Completion of Test	LLIC	29/03/2025	Test Method	GN	As per table
Instrument Used & Calibration Due Date		RDS Sampler : Envirotech, APM Date of Issued: 14/08/2024 and FDS Sampler : Yash PM 2.5 Mod Date of Issued: 22/02/2025 and	d Due Date: 14/08/2025 el: NOS-PNS-PM2.5, Sr. I	No. 1	.70302052

#### **RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	68.35	100	100	IS 5182 (Part 23)
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m³	36.24	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	16.31	80	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	34.39	80.00	80	IS 5182 (Part 6)
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCI – 01
6	Ammonia as NH <sub>3</sub>	µg/m³	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part 19)
8	Ozone as O <sub>3</sub> <sup>\$</sup>	µg/m <sup>3</sup>	13.44	NS*	180	IS 5182 (Part 9)
9	Lead as Pb	µg/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>\$</sup>	mg/m <sup>3</sup>	0.44	NS*	4.0	IS 5182 (Part 10)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part 11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, \$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit:Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>,

Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 μg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 μg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 μg/m<sup>3</sup>

×4 **Ravi Jariwala** 

Sr. Environmental Scientist

Note: This report is subject to terms & conditions mentioned overlead

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,

\*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986  GPCB apprved schedule II auditor ISO 14001 :

Dr. Arun Bajpai Lab Manager(Q)

: 2007

• ISO 9001 :

2008

Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India. Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

Customer's Name and Address :

QF/7.8/07-AQ Page: 1 of 1

#### M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.

OLLUG	Test Report No.	LUCO	PL/L/25/0031
OULU	Issue Date	LUCO	29/03/2025
OLLUCO	Customer's Ref.	LUCO	P.O.NO:3100299391 DATE:27.04.2024

Sampling Location	LUCON	S.R.U1	GPS Location	ONTO	N-22° 15.436' E-73° 02.337'
Date of Sampling	LUCON	24/03/2025	Sampling Procedure	ONIN	As per table
Sampling By	OLUIC	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	JCON ON PC	Ambient Air Quality Monitoring
Sample Receipt Date	OLLIG	25/03/2025	Lab ID	CON	L/2503/02 (A – J)
Date of Starting of Test <sup>^</sup>		25/03/2025	Sampling Duration	ICON	24 Hrs.
Date of Completion of Test	LUCON	29/03/2025	Test Method	ON.PC	As per table
Instrument Used & Calibration Due Date	•	RDS Sampler : Envirotech, APM Date of Issued: 14/08/2024 and FDS Sampler : Drop Enviro, DEE Date of Issued: 10/08/2024 and	d Due Date: 14/08/202 S-FDS-006		POLLICON POLLICON POLLICON POLLI POLLICON POLLICON POLLICON POLLI POLLICON POLLICON POLLICON POL DILLICON POLLICON POLLICON POLLI

#### **RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	59.62	100	100	IS 5182 (Part 23)
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m³	28.61	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	19.43	80 00	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	30.73	80	80	IS 5182 (Part 6)
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCI - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part 19)
8	Ozone as O <sub>3</sub> <sup>\$</sup>	µg/m <sup>3</sup>	15.61	NS*	180	IS 5182 (Part 9)
9	Lead as Pb	µg/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>\$</sup>	mg/m <sup>3</sup>	0.48	NS*	4.0	IS 5182 (Part 10)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part 11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day,

\$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit:Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0

Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 μg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 μg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 μg/m<sup>3</sup>.

Runif.

Ravi Jariwala Sr. Environmental Scientist

Josen Dr. Arun Bajpai Lab Manager(Q)

OHSAS 18001 : 2007

ISO 9001 : 2008

Note: This report is subject to terms & conditions mentioned overlea \*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986  GPCB apprved schedule II auditor • ISO 14001 :

2004

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.



Customer's Name and Address :

QF/7.8/07-AQ Page: 1 of 1

	Test Report No.	PL/L/25/0032
M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA,	Issue Date	29/03/2025
TAL: PADRA, DIST: VADODARA.	Customer's Ref.	P.O.NO:3100299391 DATE:27.04.2024

Sampling Location		Main Gate Terrace	GPS Location	Decisi I	N-22° 15.441' E-73° 02.438'		
Date of Sampling	licon	24/03/2025	Sampling Procedure	CONT PO	As per table		
Sampling By	11:10	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	UCON I	Ambient Air Quality Monitoring		
Sample Receipt Date <sup>^</sup>	LICON	25/03/2025	Lab ID	CON PO	L/2503/03 (A – J)		
Date of Starting of Test <sup>^</sup>	LICON	25/03/2025	Sampling Duration	N <sup>+</sup> NO	24 Hrs.		
Date of Completion of Test	LLIC	29/03/2025	Test Method	100191	As per table con policion pol		
USON POLLUCON POLLUCON POLL		<b>RDS Sampler : Envirotech, APM</b>	460 , 346-G-22		LLUCON POLLUCON POLLUCON POLLUCI		
Instrument Used & Calibration	1110	Date of Issued: 14/08/2024 and Due Date: 14/08/2025					
Due Date	LUK	FDS Sampler : Drop Enviro, DEE		POLICION POLICION POLICION POLICION POLICION			
LION POLLICON POLLICON POLL	LICON	Date of Issued: 10/08/2024 and	d Due Date: 09/08/202	25	LLUCON POLLUCON POLLUCON POLLUCO		

#### **RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT
10	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	77.15	100	100	IS 5182 (Part 23)
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m³	45.10	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m³	15.46	80	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	40.61	80	80	IS 5182 (Part 6)
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCI - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part 19)
8	Ozone as O <sub>3</sub> <sup>\$</sup>	µg/m <sup>3</sup>	18.33	NS*	180	IS 5182 (Part 9)
9	Lead as Pb	µg/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>\$</sup>	mg/m <sup>3</sup>	0.57	NS*	4.0	IS 5182 (Part 10)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part 11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, \$: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit:Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m

Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCI: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>

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Ravi Jariwala Sr. Environmental Scientist

Dr. Arun Bajpai Lab Manager(Q) Note: This report is subject to terms & conditions mentioned overleast

2004

• ISO 14001 :

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: 2007

• ISO 9001 :

2008

\*\*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986

 GPCB apprved schedule II auditor

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.



Customer's Name and Address :

QF/7.8/07-AQ Page: 1 of 1

#### M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.

E O	Test Report No.	LUC	PL/L/25/0033	
0	Issue Date	LUC	29/03/2025	
O H C	Customer's Ref.		P.O.NO:3100299391 DATE:27.04.2024	

Sampling Location	LLDC	New Ware House II (Terrace)			POLLUCON POLLUCON POLLUCON POL
Date of Sampling	LICON	24/03/2025	Sampling Procedure	ON PO	As per table
Sampling By	LICON	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	ON: PO	Ambient Air Quality Monitoring
Sample Receipt Date	LUC	25/03/2025	Lab ID	CON Nº PO	L/2503/04 (A – J)
Date of Starting of Test		25/03/2025	Sampling Duration	neo n	24 Hrs.
Date of Completion of Test		29/03/2025	Test Method	UCON .	As per table
Instrument Used & Calibration Due Date		RDS Sampler : Envirotech, APM Date of Issued: 14/08/2024 and FDS Sampler : Drop Enviro, DEE Date of Issued: 10/08/2024 and	d Due Date: 14/08/202 S-FDS-008		PELUCON FOLLUCON FOLLUCON FOLLU FOLLUCON FOLLUCON FOLLUCON FOL DELUCON FOLLUCON FOLLUCON FOLLUCON FOLLUCON FOLLUCON FOLLUCON FOLLUCON

#### **RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT
01	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	63.52	100	100	IS 5182 (Part 23)
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m³	34.53	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	ON POL11.33 POLL		80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	26.35	80	80	IS 5182 (Part 6)
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCI – 01
6	Ammonia as NH <sub>3</sub>	µg/m³	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part 19)
8	Ozone as O <sub>3</sub> <sup>\$</sup>	µg/m <sup>3</sup>	11.38	NS*	180	IS 5182 (Part 9)
9	Lead as Pb	µg/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>\$</sup>	mg/m <sup>3</sup>	0.64	NS*	4.0	IS 5182 (Part 10)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part 11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^\$:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, \$: Carbon Monoxide as CO sampling duration1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit:Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>,

Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCI: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>

Re

Ravi Jariwala Sr. Environmental Scientist Dr. Arun Bajpai Lab Manager(Q)

: 2007

• ISO 9001 :

2008

Note: This report is subject to terms & conditions mentioned overlea \*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986

 GPCB apprved schedule II auditor ISO 14001 :

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

#### Annexure – C

#### Photographs of in-plant Control Measures for reduce fugitive emission





Condenser on Storage tank



<image>



#### Work Area Monitoring Reports

#### SUMMARY OF WORK AREA (In-house) MONITORING DATA [As per Form 37]

		Location/		Air borne contamination		Average			Number	
		operation Mentioned	Identified contaminant		Range	PPM	TWA concentration (As given in II Schedule) PPM	Reference Method	of workers exposed at the location being monitored	Remark
Date	Sr. No.			Nos. of samples	РРМ					
	1	2	3	4	5	6	7	8	9	10
08.10.2024	1	M-2 PPA-B ANF-408	Ethyl Acetate	2	08 10	9	400 ppm	TLV	2	Within range
08.10.2024	2	P-4 PPA ANF - 1004	Acetone	2	10 06	8	750 ppm	OSHA TLV	2	Within range
27.10.2024	3	P-3 First Floor R-1030	MDC	2	04 06	5	87 (OSHA) ppm	TLV	2	Within range
27.10.2024	4	P-3 First Floor R-1029	Ethyl Acetate	1	7	7	400 ppm	TLV	1	Within range
27.10.2024	5	P-3 First Floor	Methanol	2	04 06	5	200 ppm	TLV	2	Within range
12.11.2024	1	Workshop Area welding	CO (Carbon Monoxide)	1	2	2	50 ppm	TLV	2	Within range
17.11.2024	2	P-1 Plant CC Floor CF Operation	Acetone	2	11 13	12	750 ppm	TLV	2	Within range
17.11.2024	3	P-3 Plant G Floor Tankfarm Area	Ethyl Acetate	2	11 17	14	400 ppm	TLV	2	Within range

17.11.2024	4	Above G Floor Tankfarm Area	MeOH	2	0 0	0	200 ppm	TLV	2	Within range
17.11.2024	5	M-2 PPA-B ANF Room	Ethyl Acetate	2	15 19	17	400 ppm	TLV	2	Within range
07.12.2024	1	M-1 Plant CF 312 PPA-B	Ethyl Acetate	2	10 12	11	400 ppm	TLV	1	Within range
07.12.2024	2	M-1 Plant R-328 PPA-B	Ethyl Acetate	2	02 03	2.5	400 ppm	TLV	1	Within range
10.12.2024	3	M-2 Plant G Floor area CF	Toluen	2	11 13	12	100 ррт	TLV	1	Within range
13.12.2024	4	P-3 G Floor ANF-1002	MDC	1	3	3	87 (OSHA) ppm	OSHA TLV	1	Within range
15.12.2024	5	MeOH Above G floor Area	MeOH	1	0	0	200 ppm	TLV	1	Within range
06.01.2025	1	P-3 1st floor R-1031	MDC	2	03 07	5	87 (OSHA) ppm	OSHA TLV	2	Within range
06.01.2025	2	P-3 1st floor R-1029	Ethyl Acetate	2	05 07	6	400 ppm	TLV	1	Within range
09.01.2025	3	P-1 2nd Floor R-709	MeOH	2	04 06	5	200 ppm	TLV	2	Within range
09.01.2025	4	M-2 PPA-B ANF-408	Ethyl Acetate	2	08 10	9	400 ppm	TLV	2	Within range
12.01.2025	5	M-1 SRU G-Floor	Ethyl Acetate	2	03 03	3	400 ppm	TLV	2	Within range
13.02.2025	1	M-1 First Floor Sparkler	Ethyl Acetate	1	8	8	400 ppm	TLV	1	Within range

13.02.2025	2	P-3 First floor R-1030	MDC	2	02 06	4	87 (OSHA)	OSHA	2	Within range
14.02.2025	3	M-3 G Floor CF-502	Methanol	2	11 17	14	ppm 200 ppm	TLV TLV	2	Within range
14.02.2025	4	P-2 G Floor Tank Farm	Toluen	2	19 21	20	100 ppm	TLV	2	Within range
15.02.2025	5	M-3 First floor R-509	IPA	1	6	6	200 ppm	TLV	1	Within range
15.02.2025	6	M-2/R-408 1st floor MeOH	Methanol	1	3	3	200 ppm	TLV	1	Within range
06.03.2025	1	M-1 Plant PPA-A CF-303	Ethyl Acetate	2	08 10	9	400 ppm	TLV	1	Within range
06.03.2025	2	M-1 Plant PPA-A R-316	Ethyl Acetate	2	04 06	5	400 ppm	TLV	1	Within range
23.03.2025	3	P-3 G Floor MDC ANF-1002	MDC	2	14 14	14	87 (OSHA) ppm	OSHA TLV	2	Within range
26.03.2025	4	M-3 First Floor R-513	IPA	1	4	4	200 ppm	TLV	1	Within range
26.03.2025	5	P-1 First Floor R-709	Methanol	1	5	5	200 ppm	TLV	1	Within range

FORM NO. 37

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( Prescribe under Rule 12-B) Register containing particular. الما monitoring of working environment required under Section 7-A(a) (e)

°.

1. Name of the Department / Plant. 2. Raw-material, by-product and finished products involved in the process

Date: 0ct-2024

3. Particulars of sampling

1 Construction of the second			-	And a strangering to be seen of	L Tarpiciani menung	4 Versionalise and and	and a construction of the second s
a Name (in block letters)		42	PRASHANT. J.	PRASHANT J.	PRASHANT J.	PRASHANT. J. CHATURVEDT	PRASHANT J.
Number of Remarks Signature workers of person exposed taking	samples	12	Keet	Cont	Conet	Pearl	Cenet
Remarks		11	Mithin Range	Mithin Range	Millin Remge	Minthin	Remse
	being	10	02	02	02	60	02
Reference method		6	1-1-1	TLV	ASHA TLY	Til	MIL
TWA concentration (as given in second	schedule)	ω	PPM	750 PPM	87 (OSHA) PPM	PPM.	200 PPM
Average		2	bo	MPM PPM	50 Ppm	to Mad	MAA 50
Airborne contamination	Number Range of samples	<b>2</b>	02 08	02 10	02 04 06	to 10	02 04 06
Sampling instrument used	<u> </u>	4	Metes	10C Metes	Voc Metex		Noc
Identified contaminant		3	Aretade	Acetone	Jaw	Acetede	Methanol
Location/ Operation mentioned		2 0 000 0	08/10/24 07 MIE-408 ACED	4001-7NA	23) F1008	P-1029	1 2000) L 1 2000) L 1 2000)
no. v			3	T	ন্থা	70	5
та 3 у с	1		101/80	08/10/24 02/24-1004	27/10/24 03	27/10/24	27/10/24.05

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Register containing particul $\omega_{n,-}$  if monitoring of working environment required under Section 7-A(a) (e)

1. Name of the Department / Plant. 2. Raw material, by-product and finished products involved in the process

Date: NoV-2024

3. Particulars of sampling

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Name (in block letters)		PRASHANT.J.	TRASHANT, J.	PRAGHANT J.	RASHANT. J.	PRASHANT.J.
Remarks Signature of person taking samples		12	facet	Coort 1	Read F	People P
Remarks	P.P.	Mithin Range	MITHIN FO	MANN	Mithin Range	Renge
Number of workers exposed at the location	monitored	20	0	60	to	63
Reference method		TLY	TLV	TLY.	TLY	1TL
TWA concentration (as given in second schedule)	8	Hoo PPM.	PPM	PPMI	PPM PPM	200 PPM
Average	7	PPM	2.5 PPM	21 Wad	Pem	600 PPM
Airborne contamination Number Range of	samples 5 6	02 10	02 02	02 [1	07 3	0 - 60
Sampling instrument used		Noc	Voc Metes	10	X	Voc
ldentified contaminant	8	Acelad C	Acetede	loluene	Jav	Medul
Location/ Operation mentioned	Mar Rout	1		Cr. Floo &	ANF-1007	15/12/24 25 Control 2008
i i i			and the second sec	3	PL A	50
		07/12/24 01	07/12/24,02	10/12/21/03	13/12/24	72121/21

FORM NO. 37

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( Prescribe under Rule 12-B)

Register containing particula. V monitoring of working environment required under Section 7-A(a) (e)

3. Particulars of sampling

1. Name of the Department / Plant. 2. Raw-material, by-product and finished products involved in the process

Date: PEC-2024

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FORM NO. 37 (Prescribe under Rule 12-B)

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Register containing particular. If monitoring of working environment required under Section 7-A(a) (e)

1. Name of the Department / Plant.

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2. Raw-material, by-product and finished products involved in the process

3. Particulars of sampling

ę

	Sr. no.		Identified contaminant	Sampling instrument	Airborne contamination	Airborne tamination	Average	S	Reference method	Number of workers		Remarks Signature of person	
¢	-	menuonea		nseo				(as given in second		exposed at the		taking samples	letters)
	startin				Number Range	Range		schedule)		location			
					jõ					being			
24					samples					monitored			
	dana	2	e	4	S	9	7	œ	6	10	11	12	5 S
16/01/5 2 A-9-3 J		P-3 JEC		Vac	3	63	00	(AH20)780)	<b>DSHA</b>	6	WITHIN	Part	PRASHANT.J.
31000	4	11008 R-1031	L L	Meter	l D	40	Mad	Trv	IT	1	Reinge	à	CHATURVEDT.
	14	157 E-C	1242	Voc	2	50.	90	400	アド	NA WITHIN	WITHIN	fort	RASHANT.J.
06/01/25	3	8001 2007 10090	Acetate	meter	1	to	P.W.	PPM.	r L		Reinge		HANNER
national is	0	PULL L-d		Voc	(	40	00	200	1.11	0	Mintin	P not	PRASHANT. J.
09/01/20	6	09/01/2023) Flood	HOOKI	Xotem	400	90	PPM	PPM	۲ . ۱	1		1	CHATURVEDT
	-	R-709		01771					а •				
and lot	013	2/11-1-1 M-2 PPAB	Etz -	YOC	C V	80	50	400	117	00	WARIN	Proct	PRASHANT. J .
17/10/50	1	ANF-40%	Acetede	meter	4	0	Mdd	PPM			Reenge		CHATURVEDT
to la dore	F	UM-ISRU	5421	YOC	0	63	03	400	TU	00	WITHIN	Proch	PRASHANT J.
1101	2	CC-F1008	d		10	63	PPM	Wdd			Range	1	CHATURVEDT

Date: JAN-2025

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ر Prescribe under Rule 12-B) Register containing particular, مز monitoring of working environment required under Section 7-A(a) (e)

°.,

Name of the Department / Plant.
 Raw-material, by-product and finished products involved in the process

Date: FEB-2025

3. Particulars of sampling

1 diameter	The second s	Last. art	P	-	-	WIND AND A CARDON										
Name (in block letters)			13	PRASHANT.J.		PRASHANT J. CHATURYEDI.		PRASHANT. J. CHATURVEDT	T	PRASHANT. J. CHATURNEDI.		PRASHANT. J. CHATURVEDT		PRASHANT J. CHATURVEDI		
1 0	samples		12	Loool		(con)		Coort		ficer		Cont		Coper		-
Remarks			11	Mithim Range		Range		Reinge		Reinge	0 V 1 V 1	Range		Remge		
Number of workers exposed	at the location being	monitored	10	to		02 Nithin		05		20		10	1	¢4.		
Reference method	*****	0	m	TLY		0SHA T-V		1-1-1		TI		NºH-		1-1		1
TWA concentration (as given in second	schedule)	α	•	PPM	010 0 0 0	87 (05 HA) TLV	200	PPM		PPM	0.00	Perma	e e c	PPM		
Average		7	. 2	PPM		Mad	17	Mad	20	ppm	0	Mad	C	PPM		
Airborne contamination	er Range	6		60	00	000	2		0	তর	$\vdash$	90	5	3		
	Number Rar of samples	22		6		05		40		02		0	;	5		
Sampling instrument used		4	Voc	meted		metek	YOC	Metes	VUC	metes	Yor	meter	Voc	Metes		4
Identified contaminant		3	C4621	Acetate		Jaw	Wolf	1.15 TNG NOI	Talicono	- Manio	TPA	2		171 ethand		
. Location Operation mentioned		5	JSI I-W	1510212025 0th FIDOS	P-315t	F1008 R-1030	8 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	CF-502	2.2	Cr. Flood Tankfarm	2.2	R-509	M-24 R-405	8000 J 75 T (30 5702 / 20 / 31	Meori	
	C.C.r. yi Harana	-	G	รั เว	-	3		2	1	5			E	5 06.		
3 .7	1 * *			151021202	E	13102/2025 02	1 S. W. S.	14/02/2020		141021202504	16/01/00/01			15/02/2020	280	

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Register containing particulor. If monitoring of working environment required under Section 7-A(a) (e)

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1. Name of the Department / Plant. 2. Raw-material, by-product and finished products involved in the process

Date: MARCH-2025

3. Particulars of sampling

Remarks Signature Name of person (in block taking letters) samples		POUL TRASHANT.J.	Coef	Kapet 1	
4-	P.F.	Within Renge	Hithin Remge	Hithin Reinge	110
	monitored	2 60	6.0	02	
Reference method	σ	TLY	LLY	CCHA 1-1	F
TWA concentration (as given in second schedule)	8	400 PPM	Hoo PPM	(_AH20)88(05HA) PPM	200
Average	2	Wed Bo	05 PPm	H H	40
Airborne contamination Number Range of	9	080	90 40	77	40
	υ	60	62	02	to
Sampling instrument used	4	Noc	Voc. Metes	Noc	Voc Meto/
Identified contaminant	_	Acetade	Ethyl Acetade	Jaw	AGI
Location/ Operation mentioned	2	66/03/25 023 M-I Mart PPA-A CF-303	06/03/25 022 PPA-A R-316	23/03/25 03) "1-3 Cr. 4008	26/03/25 py) A.008
20 C		F	al	3	8
в Э. Э.		123/25	103/25	22/20	2212010

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#### ANNEXURE D

#### Noise Monitoring Summary and Report

	LUPIN MANUFACTURING	SOLUTIONS LIM	ITED, DABHAS	Δ.	
	ANALYSIS DONE BY: M/S POLLU	JCON LABORATO	RIES PVT. LTD.	,SURAT	
Sr.		08.10	0.2024	06.01	.2025
No.	Location	Day Time Leq dB(A)	Nighttime Leq dB(A)	Day Time Leq dB(A)	Nighttime Leq dB(A)
1	Near Main Gate	63.7	57.6	65.4	60.5
2	Near QC/QA-2	60.2	40.6	62.2	42.3
3	Near Hydro Generator	64.1	60.3	63.6	57.2
4	Near Fire Hydrant Tank-2	61.5	58.2	64.8	60.9
5	Nearby New Warehouse Boundary	63.9	55.4	61.3	56.1
6	Near Utility-2(outside)	66.2	63.5	64.7	61.2
7	Near Store & Admin	59.4	53.3	61.2	55.4
8	Near F.O yard	61.3	55.2	66.5	58.9
9	Near Solvent area	60.4	56.1	58.4	54.2
10	Near D.G Area	63.5	52	61.6	54.8
11	Near Boiler (Outside)	70.8	62.8	72.3	65.2
12	Near M1, M2, M3	62.1	53.2	60.6	56.4
13	Near Decanter	64.2	56.6	63.4	54.1
14	Near ETP Entrance	66	54.1	68.3	52.6
15	Near S.R.U-1	58.5	52.4	56.2	54.3





## **TEST CERTIFICATE FOR AMBIENT NOISE LEVEL MONITORING**

Customer's Name and Address :

QF/7.8/07-EX

# M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL). BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.

CON POLLICON POL	LUCO	Page: 1 of 1
Test Report No		PL/L/24/0150
Issue Date	LUCO	16/10/2024
Customer's Ref.	LUCO MODI	P.O.NO:3100299391 DATE:27.04.2024

& 120 dB
2.2024

**RESULT TABLE** 

CD	EON FOLLICON FOLLICON FOLLICON FOL	OBSERVATION				
SR. NO.	NAME OF THE LOCATION	Day Time Leq dB(A)	Night Time Leq dB(A)			
1	Near Main Gate	63.7	57.6			
2	Near QC/QA-2	60.2	40.6			
3	Near Hydro Generator	64.1	60.3			
4	Near Fire Hydrant Tank - 2	61.5	58.2			
o5 ro	Near By-NW-Boundry	63.90 CON POLL 63.90	1000 POLI 55.4 OLUO			
6	Near Utility-2 (Outside)	66.2	63.5			
7	Near Store & Admin	59.4	53.3			
8	Near F.O. Yard	61.3	55.2			
9	Near solvent Area	60.4	56.1			
10	Near D.G Area	63.5 OLUCON RO	52.0			
11	Near Boiler (Outside)	70.8	62.8			
12	Near M1,M2,M3	62.1	53.2			
13	Near Decanter	64.2	56.6			
14	Near ETP Entrance	66.0	54.1			
15	Near S.R.U - 1	1000 POLL 58.5 0 UCON POL	52.4			
	Limit as per Ambient Air Quality Standards in the standar	75 Leq dB[A]	70 Leq dB[A]			

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.

2. Night time shall mean from 10.00 p.m. to 6.00 a.m.

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025

Havy

Ravi Jariwala Sr. Environmental Scientist

rien Dr. Arun Bajpai Lab Manager(Q)

2007

• ISO 9001 :

2008

Note: This report is subject to terms & conditions mentioned overlea \*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986  GPCB apprved schedule II auditor ISO 14001

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com



## **TEST CERTIFICATE FOR AMBIENT NOISE LEVEL MONITORING**

Customer's Name and Address : QF/7.8/07-EX Page: 1 of 1

M/s. LUPIN MANUFACTURING SOLUTIONS LIMITED (LMSL).<br/>BLOCK NO. 21, VILLAGE DABHASA,<br/>TAL: PADRA, DIST: VADODARA.Test Report No:PL/L/25/0009Issue Date:17/01/2025Customer's Ref.:P.O.NO:3100299391DATE:27.04.2024

Date of Sampling : 06/01/2025

Sampling by : Pollucon Laboratories Pvt. Ltd.

Sampling Location : As per table

Test Method : IS 9876 / IS 9989

Description of Instrument Used Sound Level Meter MAKE: ENVIROTECH SR. NO51DTF-2019 MODEL: SLM 100 Calibration Date: 22.02.2024

RANGE: 30 dB & 120 dB Due Date: 21.02.2025

RESULT TABLE

CD	LUCON POLLUCON POLLUCON POLLUCON POLLUCON POLLUCON PO	OBSER	VATION	
SR. NO.	NAME OF THE LOCATION	Day Time Leq dB(A)	Night Time Leq dB(A)	
01 PO	Near Main Gate	65.4	60.5	
2	Near QC/QA-2	62.2	42.3 42.3	
3	Near Hydro Generator	63.6	57.2	
4	Near Fire Hydrant Tank - 2	64.8	60.9	
5	Near By-NW-Boundry	61.3	56.1	
6	Near Utility-2 (Outside)	64.7	61.2	
7	Near Store & Admin	61.2	Lucon roll 55.4 of the	
8	Near F.O. Yard	66.5	58.9	
9	Near solvent Area	58.4	54.2	
10	Near D.G Area	1 LICON POLL 61.6 OF LICON	54.8 OLLIO	
11	Near Boiler (Outside)	72.3	65.2	
12	Near M1,M2,M3	60.6	56.4	
13	Near Decanter	Garage Pollu 63.4 OLUCON POL	54.1	
14	Near ETP Entrance	68.3	52.6	
15	Near S.R.U - 1	56.2	col rotuc 54.3	
	Limit as per Ambient Air Quality Standards in t of Noise for Industrial Area <sup>#</sup>	75 Leq dB[A]	70 Leq dB[A]	

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.

2. Night time shall mean from 10.00 p.m. to 6.00 a.m.

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/20

Ravij?

Ravi Jariwala Sr. Environmental Scientist

Josen Dr. Arun Bajpai Lab Manager(Q)

OHSAS 18001 : 2007 • ISO 9001 : 2008

Note: This report is subject to terms & conditions mentioned overleaf \*\*\*End of Report\*\*\*

 Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986  GPCB apprved schedule II auditor • ISO 14001 :

2004

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

#### Annexure – E

#### Photographs of RO & MEE Plant



#### Annexure – F

#### Photographs of Guard Pond & Storm Drain System at Site



#### Annexure – G

#### Photo of Flame Arresters installed on Solvent Storage Tanks



#### Annexure – H

#### Solid Waste Management & Copy of Manifest for disposal of Haz. & Other Waste





# GEO CLEANER LLP [75614] 20637



Copy 6

To be forwarded by To be returned by the Operator of the facility to the Occupier after treatment and disposal of hazardous material/waste.

		310	Sender's Details				
ender Name	Lupin Manufacturing S	olutions Ltd.	(Formerly Lupin Ltd.	) [22562]			
Address	VILL-DABHASA,- Taluka :	PAD Distict:VAD	Pin no:391440				-
Contact Details	9765800441 radhakrishnashivdavkar@	≬lupin.com	GPS Coordinates		Lat :22.256988378010757 Long :73.03859556487213		5
Guardian Detail	Radhakrishna Shivdavkar radhakrishnashivdavkar@	, Site Head & Vid Iupin.com	ce President – Manufact	turing & Technolo	ogy Transfer, 976	5800441,	
			Receiver's Detail	S			Tex 1
State	Gujarat		Type of Facility	Pre- pro	cessing		
Facility Details	GEO CLEANER LLP [7561	4]					
Contact Details	7600444441 customer@geocleanerIIp.		GPS Coordinates	Long:7	.50083047888722 3.280625618764	36	
Address	TOWER H 402, AARUNI R Samlaya, Savali 391121,	ESIDENCY BILL, adodara Taluk	, VILLAGE: BIL, VADOD a :SAV Distict:VAD Pin r	ARA ,Survey No. no:391410	94, Pratapnagar,	Jarod Savali Road,	, Old
	San an a		Waste Details	(† 1970 - Andrewski Andrewski) Alfred State († 1970 - Andrewski Andrewski) Alfred State († 1970 - Andrewski Andrewski Andrewski Andrewski Andrewski Andrewski Andrewski Andrewski Andrewski			
Waste Details	I~28~28.1~Process Re	esidue and wast	es				
Waste Intended	for Preprocessing		Total Qty	8.405	MT Cons	sistency liquid	
		ĩ	ransporter Detai	ls	avil 1	1. 1. 1. 1. 1.	
Name	Sartaj Roadways		Contact Details	allot and a second	004 sartajroadw	ays2015@gmail.co	m
Address	Shop No: F-2,1st Floor, St	unrise Complex,	Unn Road, Opp. Ashish				_
			Vehicle Details		ALCE ALC ALC	ALL MARTINE	
Vehicle no	GJ05BX1302 (IMEI No :3	58980100851170	Service and the service of the servi	Yes	Type of Vehic	le Truck	2 Store
Driver name	Pradip Kumar		Driver Contact No				-
THE STREET	A AND A SHITTER	Waste	Transportation	And in the other states of the	ALL PARTY	CONTRACTOR OF	
Vehicle Depart.	25/03/2025 9:58AM	Trip Start	25/03/2025 9:53AM	No of Drums	40	Loose Waste	8.405
- unione Departe						IL ODSE WASTE	a (11)5
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## Ecocare Infrastructures Pvt. Ltd. [48212]



Copy 6

To be forwarded by To be returned by the Operator of the facility to the Occupier after treatment and disposal of hazardous material/waste.

		Sender's Details		
Sender Name	Lupin Manufacturing Solutions Ltd. (I	Formerly Lupin Ltd.) [2	2562]	-
Address	VILL-DABHASA,- Taluka :PAD Distict:VAD F	Pin no:391440		
Contact Details	9765800441 radhakrishnashivdavkar@lupin.com	GPS Coordinates	Lat :22.256988378010757 Long :73.03859556487213	-
Guardian Detail	Radhakrishna Shivdavkar, Site Head & Vice radhakrishnashivdavkar@lupin.com	President – Manufacturin		
		enals of Pricelles		-
State	Gujarat '	Type of Facility	Common TSDF	a provi
acility Details	Ecocare Infrastructures Pvt. Ltd. [48212]	Type of Fuerity		_
Contact Details	7434011011 account@ecocareinfra.com	GPS Coordinates	Lat :23.1872964563881 Long:71.921141110	01616
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AND DESCRIPTION OF		Waste Details		124
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lame	Krishna Roadlines	Contact Details	9879151458 hirenthakker9@gmail.com	
Address	22 NILESH PARK SOCIETY, GRAUND FLOOR	PLOT NO 80 GYMKHANA	District :Kutch East Taluka :Gandhidham	
		Vehicle Details		
/ehicle no	GJ09Z1255 (IMEI No :868613060263291)	GPS Enabled	Yes Type of Vehicle Truck	
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**GUJARAT POLLUTION CONTROL BOARD** 



PARYAVARAN BHAVAN, SECTOR 10-A, GANDHINAGAR - 382010, (T) 079-23232152

By R.P.A.D.

No: GPCB/CCA-VRD-331(17)/ID:22562/

Тο, M/s, Lupin Manufacturing Solutions Limited. Øld Name: M/s. Lupin Ltd. Plot No: 21, Vill: Dabhasa, Tal: Padra, Dist: Vadodara - 391440.

Sub: Amendment to Consolidated Consent & Authorization (CC&A) Under Water Act, 1974, Air Act, 1981 And Hazardous And Other Waste (Management And Transboundary Movement) Rules-2016 Framed Under Environment (Protection) Act, 1986.

Ref: 1. Your letter dated 17/11/2023.

2. CCA order no.AWH-113866 dated 22/07/2021.

Sir.

This has reference to the CCA order no. AWH-113866 dated 22/07/2021 issued vide letter no. GPCB/CCA-VRD-331(15)(A)/ID:22562/596206 dated 28/07/2021 under the provisions of the Water Act- 1974, Air Act- 1981 and Hazardous And Other Waste (Management And Transboundary Movement) Rules-2016 framed under Environmental (Protection) Act 1986.

Reference to your letter dated 17/11/2023, the said CCA order is further amended as under:

- 1. The name of applicant/industry in CCA order no. AWII-113866 shall be read as "M/s. Lupin Manufacturing Solutions Limited" instead of "M/s. Lupin Ltd.
- 2. All other conditions of CCA order no. AWH-113866 dated 22/07/2021 issued vide letter no. GPCB/CCA-VRD-331(15) (A)/ID:22562/596206 dated 28/07/2021 shall remain unchanged.

For and on behalf of Gujarat Pollution Control Boand

(B. D. Prasad) **Environmental Engineer** 

Clean Gujarat Green Gujarat Website : https://gpcb.gujarat.gov.in

\*Scanned\*



# **GUJARAT POLLUTION CONTROL BOARD**

PARYAVARAN BHAVAN, SECTOR 10-A, GANDHINAGAR - 382010, (T) 079-23232152

# Consolidated Consent & Authorization (CC&A) Amendment <u>W-128232</u>

No: GPCB/CCA-VRD-331(17)/ID:22562/ 757670

06/9/2023

To,

M/s. Lupin Ltd. (Formerly Novodigm Limited) Plot No. 21, Vill-Dabhasa,

Ta: Padra, Dist: Vadodara - 391440.

- Sub: Amendment to Consolidated Consent & Authorization (CC&A) Under Water Act, 1974, Air Act, 1981 And Hazardous And Other Waste (Management And Transboundary Movement) Rules-2016 Framed Under Environment (Protection) Act, 1986.
- Ref: 1) Your online CCA- amendment application no. 279775 dated 19/05/2023.
  2) CCA order no. AWH-113866 dated 22/07/2021.
  3) CTE order No. 125986. dated 10/05/2023.
- Sir.

This has reference to the CCA order no. AWH-113866 dated 22/07/2021 issued vide letter no. GPCB/CCA-VRD-331(15)/ID:22562/596206 dated 28/07/2021 under the provisions of the Water Act- 1974, Air Act- 1981 and Hazardous And Other Waste (Management And Transboundary Movement) Rules-2016 framed under Environmental (Protection) Act 1986.

Reference to your application no.279775 dated 19/05/2023, the said CCA order is further amended as under:

Specific Condition: Unit shall apply for CCA-amendment separately after installation of agro waste/briquette fired Boiler (6 TPH) with APCM.

1. Product list mentioned at condition no. 2 is amended for addition of following items:

GROUP	Sr. No.	Product	Quantity (MT/Year)		
		CATEGORY: I			
		1-(3-CHLOROPHENYL)-4-(3-			
	1	CHLOROPROPYL)PIPERAZINE			
2		HYDROCHLORIDE			
	2	BRIVARACETAM-VII			
Α	3	BRIVARACETAM	10		
	4	ZIPRASIDONE HYDROCHLORIDE			
	5	ILAPRAZOLE			
	6	PRASUGREL HYDROCHLORIDE			
	7				
	8	REMDESIVIR			

GPCB ID:22562

## Clean Gujarat Green Gujarat Website : https://gpcb.gujarat.gov.in

1 of 5

GROUP	, Sr. Product No.		Quantity (MT/Year)
	9	METFORMIN HYDROCHLORIDE	
	10	AZITHROMYCIN DIHYDRATE	
	11	4-IMINO-3-AMINO RIFAMYCIN-S / IMINO	_
	11	RIFAMYCIN S	
	12	DROXIDOPA	
	13	MIRABEGRON	
	14	TELMISARTAN	
	15	ILOPERIDONE	_
	16	COLESEVELAM HYDROCHLORIDE	
	17	PIOGLITAZONE HYDROCHLORIDE	
	18	DEXLANSOPRAZOLE	
	19	CICLETANINE HYDROCHLORIDE	
	20	RUFINAMIDE	-1
	21	RIFABUTIN	
	22	RIVAROXABAN	
	23	APREMILAST / APREMILAST (Form-M)	
	24	ZIDOVUDINE	_
D		600	
В	25	LEVETIRACETAM	690
	26	RIFAXIMIN	
С	27	NIMORAZOLE	125
	28	QUETIAPINE FUMARATE	
	29	FLUPIRTINE MALEATE	_
		Category : IV	
	30	MESALAMINE	
	2.1	ACOTIAMIDE HYDROCHLORIDE	
	31	HYDRATE	
	32	CARVEDILOL	-
	33	VENLAFLAXINE HYDROCHLORIDE	-
D	34	FEBUXOSTAT	
D	35	ATAZANAVIR SULFATE	- 80
	36	BUPROPION HYDROCHLORIDE	-
	37	CELECOXIB	1
	38	LANTHANUM CARBONATE DIHYDRATE	-
	39	DRONEDARONE HYDROCHLORIDE	1
	40	LACOSAMIDE	-
	41	FLUPIRTINE BASE	-

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# **GUJARAT POLLUTION CONTROL BOARD**

PARYAVARAN BHAVAN, SECTOR 10-A, GANDHINAGAR - 382010,

(T) 079-23232152

GROUP	Sr. No.	Product	Quantity (MT/Year)		
	42	LURASIDONE HYDROCHLORIDE			
	43	CINACALCET HYDROCHLORIDE			
	44	DABIGATRAN ETEXILATE MESYLATE			
	45	ESLICARBAZEPINE ACETATE			
	46	IRBESARTAN			
	47	OMEPRAZOLE			
	48	MOLNUPIRAVIR			
	49	RIFAPENTINE			
		Category : V			
	50	PREGABALIN			
~	51	METOPROLOL SUCCINATE			
Е	52	ATORVASTATIN CALCIUM	100		
Ľ	32	(TRIHYDRATE / AMORPHOUS)	100		
	53	AMLODIPINE BESYLATE			
	54	FERRIC CITRATE			
	55	SUCROFERRIC OXYHYDROXIDE			
		Category : VI			
	56	TENELIGLIPTIN HYDROBROMIDE			
	50	HYDRATE			
	57	AZITHROMYCIN MONOHYDRATE			
	58	SEVELAMER CARBONATE			
	59	SEVELAMER HYDROCHLORIDE			
	(0)	DESVENLAFAXINE SUCCINATE			
	60	MONOHYDRATE			
	61	PIRFENIDONE			
F	62	DESVENLAFAXINE BENZOATE	50		
	()	ESOMEPRAZOLE MAGNESIUM			
	63	DIHYDRATE			
	64	OLMESARTAN MEDOXOMIL			
	65	FENOFIBRATE			
	66	DESLORATADINE			
	67	LANSOPRAZOLE			
	68	PROGLUMETACIN MALEATE			
	69	CYCLOSERINE			
	70	RITONAVIR			
		R & D Pilot Plant Trial Run Products (Bulk	30		
G	G 71 Drugs and intermediates)				
		Total Quantity	1085		

GPCB ID:22562

3 of 5

Clean Gujarat Green Gujarat Website : https://gpcb.gujarat.gov.in

- 2. The condition no.4.1, 4.2, 4.3 & 4.4 of CCA order are replaced and shall be read as under:-
- (4.1) The total quantity of the industrial effluent to be generated from the manufacturing process and other ancillary industrial operations shall not exceed **393 KL/Day**.
- (4.2) The company shall ensure zero liquid effluent discharge from the entire unit through the treatment scheme comprising segregation of effluent streams into high COD/TDS and low COD/TDS effluent stream, MEE, Biological treatment, RO etc. No effluent shall be discharged outside the plant premises and "Zero" effluent discharge concept will be followed.
- (4.3) The total quantity of the domestic wastewater (sewage) shall not exceed 45 KL/Day.
- (4.4) Sewage shall be treated along with industrial wastewater and there shall be no discharge of domestic wastewater outside the premises and shall maintain zero discharge.
- 3. The condition no.5.1 & 5.3 of CCA order are replaced and shall be read as under:-
- (5.1) The following shall be used as fuel in various utilities respectively.

Sr. No Fuel		Quantity
1.	LSHS / LDO	579 Kg/Hr.
2.	HSD	533 Kg/Hr.

(5.3) The flue gas emission through stack attached to following shall conform to the following standards:

Sr. No.	Stack Attached To	Stack Height	Parameter	Permissible Limit	
1.	Thermic fluid heater-1 (Cap: 400 M cal.)	30 meter (common stack)			
2.	Boiler-3 (Cap:2 TPH)		Particulate	150 mg/NM <sup>3</sup>	
3.	Boiler-2 (Cap:5 TPH)	38 meter	- Matter	150 mg/14ivi	
4.	DG Set-1 (Cap:320 KVA)	10 meter	= SO <sub>2</sub>	100 ppm	
5.	DG Set-2 (Cap:320 KVA)	10 meter	NOx	50 ppm	
6.	DG Set-3 (Cap:600 KVA)	10 meter		11	
7.	DG Set-4 (Cap:600 KVA)	10 meter			
8.	DG Set-5 (Cap:1010 KVA)	30 meter			

4.

D. G. Set standards:- The flue gas emission through stack attached to D. G. Set shall conform to the following standards.

- a)The minimum height of stack to be provided with each of the generator set shall be H=h + 0.2 (KVA)<sup>1/2</sup>, where H= Total stack height in meter, h= height of the building in meters where or by the side of which the generator set is installed.
- b) Noise from DG set shall be controlled by providing an acoustic enclosure or by treating the room acoustically, at the users end.
- c)The acoustic enclosure or acoustic treatment of the room shall be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on the higher side ( if the actual ambient noise is on the higher side, it

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5.

GPCB 1D:22563

# GUJARAT POLLUTION CONTROL BOARD PARYAVARAN BHAVAN, SECTOR 10-A, GANDHINAGAR - 382010, (T) 079-23232152

may not be possible to check the performance of the acoustic enclosure/ acoustic treatment. Under such circumstances the performance may be checked for noise reduction up to actual ambient noise level, preferably, in the night time). The measurement for insertion loss may be done at different points at 0.5 m from the acoustic enclosure/room, and the averaged.

- d) The D.G. Set shall be provided with proper exhaust muffler with insertion loss of minimum 25 dB (A).
- e)All efforts shall be made to bring down the noise level due to the D.G.Set, outside the premises, within the ambient noise requirements by proper sitting and control measures.
- f) Installation of a D.G.Set must be strictly in compliance with the recommendations of the D.G.Set manufacturer.
- g) A proper routine and preventive maintenance procedure for the D.G.Set should be set and followed in consultation with the DG Set manufacture which would help prevent noise levels of the DG Set from deteriorating with use.
- All other conditions of CCA order no. AWH-104706 dated 21/10/2019 issued vide letter no. GPCB/CCA-VRD-1081(5)/ID-33326/525777 dated 25/10/2019 shall remain unchanged.

For and on behalf of Gujarat Pollution Control Board SPhean (D.P. Shah) Senior Environmental Engineer

5 of 5



# **GUJARAT POLLUTION CONTROL BOARD**

PARYAVARAN BHAVAN, SECTOR 10-A, GANDHINAGAR - 382010, (T) 079-23232152

#### BY R.P.A.D.

#### Consolidated Consent & Authorization (CC&A) Amendment <u>A-132171</u>

No: GPCB/CCA-VRD-331(17)/ID:22562/

To, M/s. Lupin Ltd. Plot No.21, Vill:Dabhasa, Tal: Padra, Dist: Vadodara-391440.

- Sub: Amendmentto Consolidated Consent & Authorization (CC&A) Under Water Act, 1974, Air Act, 1981 And Hazardous And Other Waste (Management And Transboundary Movement) Rules-2016 Framed Under Environment (Protection) Act, 1986.
- Ref:1) Your online CCA-amendment application no.292173dated 14/12/2023.
- 2) CCA order no.AWH-113866dated 22/07/2021.
- 3) CTE order No.125986, dated 10/05/2023.
  - 4) CCA order no. AWH-116430 dated 17/01/2022.

Sir,

This has reference to the CCA order no. AWH-113866dated 22/07/2021 issued vide letter no.GPCB/CCA-VRD-331(15)/ID:22562/596206dated28/07/2021 with its CCA amendment order dated 17/01/2022 under the provisions of the Water Act-1974, Air Act-1981 and Hazardous And Other Waste (Management And Transboundary Movement) Rules-2016 framed under Environmental (Protection) Act 1986.

Reference to your applicationno. 292173dated 14/12/2023, the said CCA order is further amended as under:

1. The condition no.5.1, 5.3 of CCA order are replaced and shall be read as under:-

(5.1) The following shall be used as fuel in various utilities respectively.

Sr.No	Fuel	Quantity
1.	LSHS / LDO	183 Kg/Hr
2.	Agro waste / briquette (Cleaner – renewable fuel)	1500 Kg/Hr
3.	HSD	533 Kg/Hr
		•

(5.2) The flue gas emission through stack attached to following shall conform to the following standards:

Sr. No.	Stack Attached To	Stack Height	APCM	Parameter	Permissible Limit
	Thermic fluid heater-1 (Cap: 400 M cal.)	30 meter		Particulate Matter	150 mg/NM <sup>3</sup> 100 ppm
2.	Boiler-3 (Cap:2 TPH)	38 meter		SO <sub>2</sub> NO <sub>x</sub>	50 ppm
3.	DG Set-1 (Cap:320 KVA)	10 meter	Acoustic Measures		

GPCB ID:22562

1 of 2

4.	DG Set-2 (Cap:320 KVA)	10 meter	Acoustic Measures		
5.	DG Set-3 (Cap:600 KVA)	10 meter	Acoustic Measures		
6.	DG Set-4 (Cap:600 KVA)	10 meter	Acoustic Measures	Particulate Matter	150 mg/NM <sup>3</sup> 100 ppm
7.	DG Set-5 (Cap:1010 KVA)	30 meter	Acoustic Measures	$SO_2$ NO <sub>N</sub>	50 ppm
8.	Boiler-4 (Cap 6 TPH)	30 meter	Bag filter		

- 2. D. G. Set standards:- The flue gas emission through stack attached to D. G. Set shall conform to the following standards.
  - a)The minimum height of stack to be provided with each of the generator set shall be H=h + 0.2 (KVA)<sup>12</sup>, where H= Total stack height in meter, h= height of the building in meters where or by the side of which the generator set is installed.
  - b) Noise from DG set shall be controlled by providing an acoustic enclosure or by treating the room acoustically, at the users end.
  - c)The acoustic enclosure or acoustic treatment of the room shall be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on the higher side ( if the actual ambient noise is on the higher side, it may not be possible to check the performance of the acoustic enclosure/ acoustic treatment. Under such circumstances the performance may be checked for noise reduction up to actual ambient noise level, preferably, in the night time). The measurement for insertion loss may be done at different points at 0.5 m from the acoustic enclosure/room, and the averaged.
  - d) The D.G. Set shall be provided with proper exhaust muffler with insertion loss of minimum 25 dB (A).
  - e)All efforts shall be made to bring down the noise level due to the D.G.Set, outside the premises, within the ambient noise requirements by proper sitting and control measures.
  - f) Installation of a D.G.Set must be strictly in compliance with the recommendations of the D.G.Set manufacturer.
  - g) A proper routine and preventive maintenance procedure for the D.G.Set should be set and followed in consultation with the DG Set manufacture which would help prevent noise levels of the DG Set from deteriorating with use.
- 3. All other conditions of CCA order no. AWH-113866 dated 22/07/2021 issued vide letter no. GPCB/CCA-VRD-331(15)/ID:22562/596206 dated 28/07/2021 with its CCA amendment order dated 17/01/2022 shall remain unchanged.

For and on behalf of Gujarat Pollution Control Board Kht Privac (B. D. Prasad) Unvironmental Engineer

#### Annexure – J

## Photographs of OHC & Copy of Health Report of Employee



#### DR. KAILASH AGARWAL

## M.B.B.S., D.O.I.H (General Physician) Consulting Industrial Physician

Registration No. (G) - 24223, (R) - 016912

## PERIODICAL MEDICAL CHECK UP OF EMPLOYEES

Emp C	ode: 4002	20756			Date:	15.10.202	24	*
Name	of Employee:	Pushpra	j Singh Sisodiya					
Depart			Environment					
	f Birth: 02	07184	Height: 1	69 cms		Weight:	69	Kgs
Pulse F		80/min	-			÷		÷
Blood	Pressure:	110/70 т	nm of Hg					
SYSTI	EMIC EXAMI	NATION						
R.S.: N	AD			CVS: NAD				
CNS: N	NAD			Liver/Spleen: NAD	)			
Is Emp	loyee is Suffer	ing from any	skin disease, Con	tagious & Communic	cable di	sease?	N	С
VISIO	N TEST							
			BINOCUL	AR VISION				
		Near		N\6				
	a managan mag	Distant	ann a ann an an ann an an ann an an ann an a	6\6wg				
Colour	vision:	Normal						
SpO2 %	/o:	99						
Emplo	yee is FIT for	the Job.						
Remark								
NORM								
Advice	•							
NO								
	or							
Signat	ure with Seal							
<del></del>	Dr. Kailash M.B Reg. No. (R) Alf	Agarwal						
	Dr. Kailash	B.S., D.O.I.H.						
	Rea. No. (R) Alf	5912 (61 616						

# DR. KAILASH AGARWAI

M.B.B.S, D.O.I.H.(General Physician Consulting Industrial Physician Reg.No. G-24223, R-016911

Sr. No	;	396	Date	: 20.10.2024
Name	к #	Pushpraj Singh Sisodiya	Emp.ID	: 40020756
Company	:	Lupin manufacturing solutions ltd	Age-Sex	: 39-M

#### **COMPLETE BLOOD COUNT**

TEST	RESULT	UNIT	NORMAL RANGE			
Haemoglobin	14.2	g/dl	12-16			
WBC Count	5740	/cmm	4,000 - 10,000			
Platelet Count	250000	/cmm	1,50,000 - 4,50,000			
<b>RBC INDICES</b>						
RBC Count	4.95	mill/cmm	4.7-6.0			
P.C.V	42.3	%	38-52			
M.C.V	85.5	fl	78-96			
M.C.H.	21.3	pg	27-31			
M.C.H.C.	24.9	g/dl	30-35			
DIFFERENTIAL WBC COUNT						
Neutrophils	63	%	45-70			
Lymphocytes	35	%	20 - 45			
Eosinophils	1	%	1 = 6			
Monocytes	1	%	2 - 10			
Basophils	0	%	0 - 0.2			
E.S.R.	8	mm/Hr	0 - 15			

#### **BIO CHEMISTRY**

Random Blood Sugar	89.2	Mg/dl	70 - 140
SGPT	36.2	IU/L	UP TO 40
Creatinine	() 75	Mg/dl	0,6-1.5

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Dr. Amit Bhut M.D. Pathology Consultant Pathologist Reg. No: G-24305

DR. KAILASH AGARWA

M.B.B.S, D.O.I.H.(General Physicia Consulting Industrial Physici Reg.No. G-24223, R-0169

<b>a</b>			
Sr.No	396	Date	20.10.2024
Name	: Pushpraj Singh Sisodiya	Emp.ID	: 40020756
Company	: Lupin manufacturing solutions ltd	Age-Sex	: 39-M

	URINE A	<b>NALYSIS</b>	
TEST	RESULT	UNIT	NORMAL RANGE
Sample	Random		NORMAL RANGE
PHYSICAL EXAMINATION			
Color	Pale Yellow		
Appearance	Clear		
Quantity	30	mL	
CHEMICAL EXAMINATION			
Sp. Gravity	1.020		1.005-1.030
рН	Acidic		6.0-8.0
Protein	Absent		Absent
Sugar	Absent		Absent
Ketone	Absent		Absent
Bilirubin	Absent		Absent
Blood	Absent		Absent
Bile salt	Absent		Absent
Bile Pigment	Absent		Absent
Urobilinogen	Normal		Normal
MICROSCOPIC EXAMINATION	4		
Pus cells	2-3	/h.p.f.	
Epithelial cells	0-1	/h.p.f.	
RBC	Absent	/h.p.f.	
Mucus	Absent		
Cast	Absent		
Crystals	Absent		
Amorphous PPT	Absent		

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Dr. Amit Bhut M.D. Pathology Consultant Pathologist Reg. No: G-24305

9- Earth Bunglows, Akashar Chowk, Nr. Here Honda Show Room, Old Padra Road, Vadodara. Mob.: 98242 63700

#### Annexure – K

#### Green Belt Development at site



# CSR Activities Glimpses from October 2024 to March 2025



Wall mount painting



Medicine rack & cupboard support to PHC



Vegetable promotion support



Vegetable mandap material support



TB project – TrueNat machine support to Sinor PHC



**TB project – Nutrition kit support** 



**Blood pressure machine support** 





Farmer's day celebration



Soil bag filling support



International women's day celebration



Appreciation from Govt. for TB project



Electric pole support



Natural farming outlet support to farmers

#### Annexure – M

#### Photographs of Rain Water Harvesting in surrounding villages

Natural Resources Conservation Rain water Harvesting in surrounding villages







# ENVIRONMENT, HEALTH, SAFETY AND SUSTAINABILITY POLICY

Lupin (together with our subsidiaries) is committed to high standards of Environmental, Health, Safety and Sustainability (EHS&S) performance. We strive to maximize operational efficiencies while minimizing our impact on the environment and utilize our resources in a judicial manner. As part of our commitment to ensuring a safe and healthy work environment, Lupin actively takes steps to ensure there are no accidents or incidents.

The EHS&S policy is applicable to all our manufacturing facilities, R&D facilities, subsidiaries, JVs, and business operations. We partner with our suppliers, service providers, and contractors to embrace EHS&S processes for improved performance.



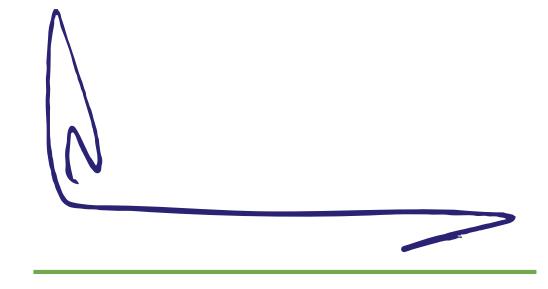
This policy is applicable to all Lupin employees, and contractors. They are expected to comply with the requirements stated in this policy.

For the effective implementation of this policy, the leadership and the employees across various locations collaborate and collectively drive the environment, health, safety & sustainability objectives by:

- Complying with the relevant and applicable statutory and regulatory requirements
- Integrating environment, health, safety and sustainability aspects into the planning and decision making of business processes
- Continually improving EHS&S performance through management systems, standard operating procedures, guidelines and deploying the necessary resources to achieve the same
- Actively identifying and mitigating the environmental and health & safety risks which arise from our business operations, distribution and logistics network and supply chain
- Undertaking environmental and social due diligence for mergers & acquisitions
- Optimizing resources to prevent pollution, conserve energy, water and reduce waste and emissions
- Providing adequate training and capacity building to employees, contractors, partners to raise awareness on EHS&S
- Periodically auditing our systems and processes to ensure continued conformance to the required standards
- Measuring, monitoring, and benchmarking our EHS&S practices and performance on a regular basis and publish a report for general communication
- Encouraging employees to identify and report any unsafe conditions including near miss and implement actions to prevent work related injury or illness

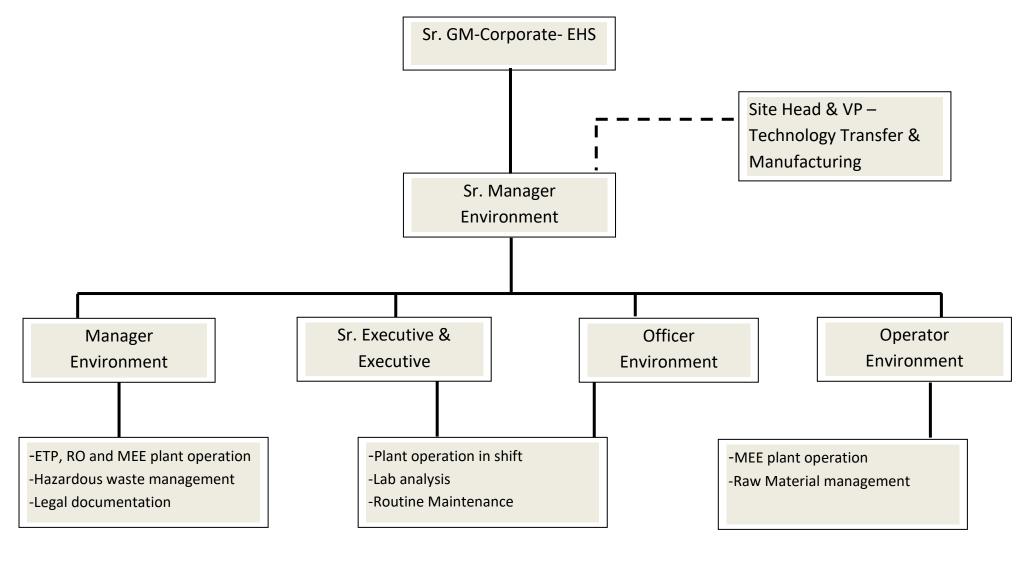
This policy shall be reviewed periodically for its continued suitability and updated as necessary.

Date: 08th July, 2022



Nilesh Gupta Managing Director

# **Environment Management Cell**



Functional Reporting

- - Administrative Reporting

LUPIN MANUFACTURING SOLUTIONS LIMITED Block No.:21, Village: Dabhasa, Taluka: Padra, Dist.: Vadodara – 391 440. Tel.: +91-02662-228314



GPCB ID : 22562

#### ENV/GPCB/2425/2409

24<sup>th</sup> September, 2024

To, The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector 10-A, Gandhinagar.382 010

Subject: Submission of Environmental Statement in Form V for the financial year 2023-24.

Dear Sir,

With reference to above subject, we are herewith submitting Environmental Statement in Form – V for the financial year 2023-24.

Kindly acknowledge the receipt of the same.

Thanking You,

Yours faithfully, For, Lupin Manufacturing Solutions Limited

Mitul Bhatt. (Sr. Manager Environment)

CC: Regional Office, GPCB, Vadodara

**Encl.:** Form – V (Environmental Statement)

24/09/24

G. P. C. Board GERI Compound Race Course, Vadodara

#### **Lupin Manufacturing Solutions Limited**

Registered Office: 3<sup>rd</sup> Floor, Kalpataru Inspire, Off W. E. Highway, Santacruz (East), Mumbai - 400 055 India. Tel : (91-22) 6640 2323. \*SCANNED porate Identity Number: U21001MH2023PLC407210 www.lupin.com

#### FORM – V

#### (See Rule 14)

From : LUPIN MANUFACTURING SOLUTIONS LIMITED BLOCK NO. 21, VILLAGE : DABHASA TALUKA : PADRA VADODARA – 391 440

To, Gujarat Pollution Control Board Sector 10-A GANDHINAGAR 382 043

# ENVIRONMENTAL STATEMENT for the financial year ending the 31<sup>st</sup> March 2024

PART - A

(i)	Name and address of the owner / occupier of the industry operation of process.	:	LUPIN MANUFACTURING SOLUTIONS LIMITED BLOCK NO. 21, VILLAGE : DABHASA, TALUKA : PADRA, DIST : VADODARA – 391 440
(ii)	Industry category –		Large Scale Industry
	Primary – (STC Code)		
	Secondary – (STC Code)	:	
(iii)	Production capacity Units	:	1085 MT / Year
(iv)	Year of establishment		1999
(vi)	Date of the last Environmental Statement submitted		29/09/2023

\*Submission of Environmental Statement is in accordance with the provision of Rules 14 of the Environment (Protection) Amendment Rules, 1993 of the Environment (Protection) Act, 1986 (29 of 1986) published vide Notification dated 22-4-1993 G.S.R. 386 (E) in the Gazette of India – Extraordinary – Part – II Section 3 Subsection (i) No. 155 dated 28-4-1993 by the Ministry of Environment and Forest, Government of India read with the Notification dated 13-2-1993 G.S.R. 329 (E) of the Gazette of India – Extraordinary Part –II Section – 3, Subsection (i) No. 120 dated 13-1993.

"Every person carrying on an industry, operation or process requiring Consent under Section -25 of the Water (Prevention & Control of Pollution) Act, 1974 (6 of 1974) or under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 (14 of 1981) or both or authorization under the Hazardous Wastes (Management and Handling) Rules, 1989 Published under the Environment (Protection) Act, 1986 (29 of 1986) shall submit an Environmental Statement for the financial year ending the 31<sup>st</sup> March in Form V to the concerned State Pollution Control Board on or before the Thirtieth day of September every year, beginning 1993."

### PART – B

Water and Raw Material Consumption

(1) Water Consumption m3 / day Process water Boiler, Cooling & DM Domestic + Garden

180.31 m3/day 78.29 m3/day 17.63 m3/day 84.39 m3/day

Name of Products	Process water consumption	per unit of product output
	During the previous Financial year KL/MT. 2022-23	During the current Financial year KL/MT. 2023-24
	(1)	(2)
	233.5	188.7
	ANNEXURE – I	

## (ii) Raw material consumption

*Name of the raw materials	Name of Products	Consumption of raw out	•
		During the previous Financial year 2022-23	During the current Financial year 2023-24
	ANNEX	(URE - II	

\* Industry may use code if disclosing detail of raw material would violate contractual obligation, otherwise all industries have to name the raw material used

#### PART – C

## Pollution discharged to environment / unit of output

(Parameter as specified in the consent issued)

Pollütänts	Quantity of pollutants discharge (mass/day)	Concentration of pollutants in discharges	Percentage of variation from prescribed standards with reasons
() ) ) (		(mass / volume)	
(a) Water	The site is zero liquid disc		No Permissible Limits for
	pollutants are	discharge.	wastewater, as the unit is
		1	ZLD.
(b) Air	STACK	PM : < 150 mg / Nm3	<b>Below Permissible Limits</b>
		SO2 : < 100 ppm	<b>Below Permissible Limits</b>
		NOX : < 50 ppm	<b>Below Permissible Limits</b>
	PROCESS VENT	HCL: < 20 mg / Nm3	<b>Below Permissible Limits</b>
		NH3 : < 175 mg / m3	<b>Below Permissible Limits</b>
		SO2 : < 40 mg / Nm3	<b>Below Permissible Limits</b>

PART – D

[As specified under Hazardous and Other Wastes (Management and Transboundary Movement)

Rules, 2016]

Hazardous Wastes	Total Quantity (Kg.)	
	During the previous Financial year 2022-23	During the current Financial year 2023-24
(a) From process		
(b) From pollution control facilities	ANNEXURE - III	

# PART – E

#### Solid Wastes

	Total Quantity (Kg.)			
	During the previous Financial year 2022-23	During the current Financial year 2023-24		
(a) From process				
(b) From pollution control facilities	ANN	EXURE – IV		
(c) (1) Quantity recycled or re-utilized within				
the unit				
(2) Sold				
(3) Disposal				

#### PART – F

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

5.1	USED Spent OIL	Generation, Collection, Storage, Transportation, Disposal by selling to register / authorized refiner having valid CCA of GPCB & Rule-9 permission under HWM Rule- 2016 by use of GPS enable vehicle and xgn generated manifest.
28.1	Process residue & waste Sodium Salts (Nabr,Nacl,Na2so3) Potassium Salts(Kbr, Kcl)	Generation, Collection, Storage, Transportation & Disposal at common TSDF (Incineration / Land filling) / Sent to cement industry for co-processing / sent to Pre Processor or waste mix facilities having valid CCA of GPCB / Rule-9 permission under HWM Rule-2016 by use of GPS enable vehicle and XGN generated manifest.
28.2	Spent catalyst	Generation, Collection, Storage, Transportation & Disposal at common TSDF (Incineration) / Off-site recovery at units from where the catalyst is procured / other units doing recovery / Co-Processing in cement industries / sent to pre- processor or waste mix facilities having valid CCA of GPCB / Rule 9 permission under HWM Rule-2016 by use of GPS enable vehicle and XGN generated manifest.
28.3	Spent carbon	Generation, Collection, Storage, Transportation & Disposal at common TSDF (Incineration) / sent to cement industry for Co-Processing / sent to Pre Processor or waste mix facilities having valid CCA of GPCB / Rule - 9 permission under HWM Rule-2016 by use of GPS enable vehicle and XGN generated manifest.
28.4	Off specification product	Generation, Collection, Storage, Transportation & Disposal at common TSDF (Incineration) / sent to cement industry for co-processing / sent to Pre Processor or waste mix facilities having valid CCA of GPCB / Rule-9 permission under HWM- 2016 by use of GPS enable vehicle and XGN generated manifest.

28.6	Spent Solvent	Generation, Collection, Storage, Transportation & Disposal at common TSDF (Incineration) / sent to cement industry for co-processing / sent to Pre Processor or waste mix facilities / sent to actual end users having valid CCA of GPCB / Rule 9 permission under HWM rule 2016 by use of GPS enable vehicle and XGN generated manifest.
33.1	Discarded containers / liners	Generation, Collection, Storage, Transportation & disposal by selling to registered / authorized recycler having valid CCA of GPCB & Rule-9 permission under HWM Rule-2016 or dispose to authorized TSDF having valid CCA of GPCB by use of GPS enable vehicle and XGN generated manifest.
Other Waste	S4-Other waste non-recycle plastic waste/PVC, Rubber waste, glass waste, discarded cementing materials, paint chips/residue, etc.	Generation, Collection, Storage, Transportation & disposal in TSDF and/OR disposed to pre-processer having valid CCA of GPCB by use of GPS enable vehicle and XGN generated manifest.
33.2	Contaminated cotton rags or other cleaning materials	Generation, Collection, Storage, Transportation & Disposal at common TSDF (Incineration) / sent to cement industry for co-processing / sent to Pre Processor or waste mix facilities having valid CCA of GPCB / Rule-9 permission under HWM- 2016 by use of GPS enable vehicle and XGN generated manifest.
35.3	ETP sludge	Generation, Collection, Storage, Transportation & Disposal at common TSDF / sent to cement industry for co-processing / sent to Pre Processor or waste mix facilities having valid CCA of GPCB / Rule-9 permission under HWM-2016 by use of GPS enable vehicle and XGN generated manifest.
35.2	Spent ion exchange resin containing toxic metals	Generation, Collection, Storage, Transportation & disposal at common TSDF having valid CCA of GPCB by use of GPS enable vehicle and XGN generated manifest.
35.3	ATFD solid	Generation, Collection, Storage, Transportation & Disposal at common TSDF / sent to cement industry for co-processing / sent to Pre Processor or waste mix facilities having valid CCA of GPCB / Rule-9 permission under HWM Rule-2016 by use of GPS enable vehicle and XGN generated manifest.
Other Waste	S1-Other waste Insulation waste	Generation, Collection, Storage, Transportation & disposal in TSDF and/OR disposed to pre-processer having valid CCA of GPCB by use of GPS enable vehicle and XGN generated manifest.
B15	Spent acid	Generation, Collection, Storage & treatment in in-house ETP
A10	Liquor ammonia	Generation, Collection, Storage, Transportation & sent to cement industry for co- processing / sent to pre-processer or waste mix facilities having valid CCA of GPCB / Rule 9 permission under HWM Rule - 2016 by use of GPS enable vehicle and XGN generated manifest.

#### PART – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

- Installed Briquette boiler & using agro waste / Briquette as clean fuel.
- Rain water is recharged within and outside the premises.
- Entire treated effluent is recycled & reused in utility etc.
- Following Expenditure made for operating EMS. ETP and ZLD Operating cost: 582.8 Lacs/Year
  - Hazardous waste disposal cost: 65.7 Lacs/Year

#### PART – H

Additional measures / Investment proposal for environmental protection including abatement of pollution / prevention of pollution.

- Installed Paddle dryer for treatment of ETP Sludge. Paddle dryer is reduced moisture level from 75-80 % to < 25 %.</li>
- Following renewable power utilized FY 2023-24
   Hybrid Power (Solar + Wind): 5030108 KW.
   Captive (In-house) Solar Power: 400979 KW.

#### PART - I

Any other particulars for improving the quality of the environment.

- Environment Day celebration on 5<sup>th</sup> June-2024 along with tree plantation. Total 1251 nos. sapling done in-house at site.
- 1900 Nos. sapling done outside of the company from Oct-23 to Sep-24 under EVP and CSR program.
- Provided training to company & contractual employee related to environment topic for prevention of pollution.

#### (Signature of a person carrying out an

Industry – operation or process)

Name Designation Address

: Mitul Bhatt : Sr. Manager Environment : Lupin Manufacturing Solutions Limited Block No. 21, Village : Dabhasa Taluka : Padra, Dist. : Vadodara

### ANNEXURE – I

### **PRODUCTION DETAILS**

#### PRODUCTION - FY 2023-24

MONTH	QTY. (MT)
Apr-23	11.93
May-23	17.71
Jun-23	19.86
Jul-23	13.00
Aug-23	13.63
Sep-23	10.62
Oct-23	10.49
Nov-23	9.93
Dec-23	5.89
Jan-24	8.35
Feb-24	12.01
Mar-24	18.41
Total	151.83

# Process Water KL / Kg of Production = 188.7 KL/MT

MONTH	QTY. (MT)
Apr-22	11.65
May-22	11.12
Jun-22	15.67
Jul-22	15.99
Aug-22	7.77
Sep-22	6.86
Oct-22	14.74
Nov-22	14.62
Dec-22	20.25
Jan-23	14.28
Feb-23	9.63
Mar-23	15.76
Total	158.34

# Process Water KL / Kg of Production = 233.5 KL/MT

### ANNEXURE – II RAW MATERIAL DETAILS

Sr. No.	RAW MATERIAL DETAILS	Kg/kg
	Mirabegron	
	R-APPE HCI ((1R)-2-{[2-(4-aminophenyl)ethyl]amino}-1- phenylethanol)	1.04
	ATAA ((2-amino-1,3-thiazol-4-yl)acetic acid)	0.56
	DEC HCL (N-[3-(dimethylamino)propyl]-N'-ethylcarbodiimide hydrochloride)	0.75
1	Aq.Ammonia	0.36
1	Conc. HCl	0.34
	IPA	6.25
	MIRA crude	1.25
	Methanol	13.75
	IPA	12.50
	Activated Carbon	0.06
	Celite	0.15
	Rufinamide	
	RFN-II (Acid compound)	1.39
	Conc. Sulphuric acid (98%)	0.29
2	Methanol	30.87
	Methanol in methanolic ammonia solution	12.61
	Ammonia in methanolic ammonia solution	2.81
	DMF	7.08
	RIFABUTIN	
	4-Imino-3-Amino Rifamycin-S / Imino Rifamycin - S	1.25
	Isobutyl-4-piperidone	0.33
	Ammonium acetate	0.04
	Disodium hydrogen ortho phosphate	0.30
3	Ortho phosphoric acid	0.01
5	Disodium salt of EDTA	0.06
	Acetic acid	2.25
	Ammonia solution	3.13
	Celite	0.06
	Diisopropyl ether	23.67
-	Acetone	0.26
-	RIVAROXABAN	
	RVX-II	1.04
4	5-Chlorothiophene 2-carboxylic acid	0.63
Ī	Thionyl chloride	0.55

	Potassium carbonate	1.09
	N,N-Dimethyl formamide	3.01
	Conc. HCl	0.30
	MDC	19.40
	Methanol	1.78
	Acetic acid	13.46
	Apremilast / Apremilast Form M	
	APR-I	2.61
	N-Acetyl-L-Leucine	0.99
	Methanol	59.14
	3-Acetamidophthalic anhydride	0.76
5	Sodiun bicarbonate	1.88
-	Acetic acid	8.23
	Ethyl acetate	16.98
	Acetone	14.27
	Celite	0.08
	Activated carbon	0.16
	Apremilast for seeding	0.00
	Levetiracetam	
	SABAM Hydrohcloride	1.03
	4-Chlorobutanoyl chloride	1.16
	Sodium sulphate	1.55
6	Pottasium hydroxide	2.01
0	tetra butyl ammonium bromide	0.12
	Celite	0.58
	Activated carbon	0.36
	MDC	25.08
	Ethyl acetate	18.84
	Rifaximin	10.04
	Rifamycin-O	2.19
-,	2-amino-4-methyl pyridine	0.94
7	Ascorbic acid	0.06
	Con.HCl	0.63
	Methanol	14.16
	QUETIAPINE FUMARATE	14.10
	Dibenzo	0.71
3	Phosphorous oxychloride (POCI3)	
	Triethyl amine (TEA)	0.30
	1-[2-(2-hydroxyethoxy)ethyl]piperazine (HEEP)	0.18

	Sodium carbonate (Na2CO3)	0.40
	Sodium bicarbonate (NaHCO3)	0.27
	Fumaric acid	0.15
	Hydroxhloric acid (HCl)	1.25
	Aq. Ammonia	1.29
	Sodium sulphate	0.01
	Celite	0.01
	Activated carbon	0.01
	Toluene	7.43
	DCM	16.27
	Ethanol	10.99
	Flupirtine Maleate	
	2-Amino -6- chloro -3-nitropyridine (ACNP)	0.89
	IPA.	28.73
	4- Flouro benzyl amine (4-FBA)	0.63
	Triethyl amine (TEA)	0.63
9	Tetra butyl ammonium bromide (TBAB)	0.11
	Hydrazine hydrate (HH)	1.14
	Ethylchloroformate (ECF)	0.57
	Maleic acid	0.73
	Raney Nickel (Ra-Ni)	0.06
	Toluene	9.85
	Methanol	13.00
	Acotiamide hydrochloride hydrate	
	2,4,5-TMBA	0.76
	EATC	0.59
	Thionyl chloride	0.45
	TEÁ	0.36
	Na2CO3	0.12
	DMF	0.02
10	Toluene	13.42
	IPA	1.20
	CTA-1	1.05
	DIPDA	1.00
	МеОН	4.67
	HCI (For Methanol.HCI)	0.79
	DMAC	1.17
	Methanol	1.17
	CTA Crude	1.24

	IPA	12.29
	Activated carbon	0.05
	Hyflow celite	0.03
	Febuxostat	
	Ethyl-2-(3-cyano-4-isobutoxyphenyl)-4-methyl-5- thiazolecarboxylate	1.53
	Sodium hydroxide	0.23
11	Conc.HCl	0.62
	IPA	6.00
	Acetone	13.34
	Activated carbon	0.06
	Celite	0.06
	ATAZANAVIR SULFATE	
	L-Tert Leucine	0.49
	Methyl chloroformate	0.53
	Sodium hydroxide	0.33
	Con. HCl	1.44
	Sodium chloride	0.37
	MCL for seeding	0.00
	MDC	30.90
	Cyclohexane	3.40
	Hydrazine	0.82
12	Epoxide	0.85
12	IPA	11.92
	Methoxy tert-Leucine (MCL)	1.20
	НОВТ	1.03
	WSC	1.22
	DIPEA	1.88
	Sodium bicarbonate	0.27
	Dysol	21.47
	Conc. H2SO4	0.22
	Seed of Atazanavir sulfate	0.00
	Methanol	0.05
	Acetone	17.93
	LURASIDONE HYDROCHLORIDE	
	(1R,2S,3R,4S)-N-[ (1R,2R)-2-[4-(1,2-Benzisothiazole-3yl)-1- piperizinylmethyl]-1-cyclohexylmethyl]-2,3- bicyclo[2,2,1]heptanedicarboxyimide [Lurasidone free base]	1.25
	Conc.HCl	0.26
	Activated carbon	0.13

	Celite	0.50
_	Acetone	12.50
	Eslicarbazepine acetate	
	Oxcarbazepine	2.74
	Caustic lye (48%)	0.05
	Sodium borohydride	0.41
	Conc. HCl (35%)	1.10
	ES-01	2.47
	L(+)Tartaric Acid	1.75
	Acetic anhydride	5.14
	Sulphuric acid	0.02
	Pyridine	0.84
	Dimethyl amino pyridine (DMAP)	0.04
	Toluene	4.28
14	Methylene dichloride (MDC)	24.81
24	ES-02	2.22
	Caustic lye (48%)	1.61
	ES-03	1.11
	Triethyl amine	0.53
	Acetic anhydride	0.58
	Dimethyl amino pyridine	0.03
	Conc HCL	0.67
	Sodium bicarbonate	0.56
	Activated carbon	0.11
	Celite	0.22
	Methylene dichloride (MDC)	7.44
	Isopropyl alcohol (IPA)	20.09
	Atorvastatin Calcium (Trihydrate / Amorphous)	
	Cyano compound	1.59
	Diketo compound	2.43
	Pivalic acid	0.47
	Sodium bicarbonate	0.56
	Conc HCl	1.10
15	Ammonia solun (25%)	0.17
	Raney nickel	0.16
	Activated carbon	0.02
	Celite	0.02
	Ammonia	1.59
~	Hydrogen	0.03

	Methanol	26.92
	Cyclohexane	16.67
	Ethyl acetate	4.30
	IPA	38.00
	Sodium hydroxide	0.26
	Calcium acetate	0.33
	Tert butyl methyl ether	18.33
	Butylated hydroxyl anisole	0.00
	Methyl ethyl ketone	4.14
	Ferric Citrate	
	Citric acid monohydrate	0.95
16	Ferric chloride hexahydrate	1.22
10	Sodium hydroxide	0.58
	Acetone	24.86
	IPA	18.69
	TENELIGLIPTIN HYDROBROMIDE HYDRATE	
	1,3-PTH	0.57
	3-MPPP	0.46
	Sodium Triethoxy borohydride	1.03
	Con.HCl	0.00
	NaHCO3	0.29
17	MDC	7.56
	Dysol	9.50
	HBR (In 48% HBR solution)	0.52
	Activated carbon	0.10
	Celite	0.05
	Methanol	2.00
5	Isopropanol (IPA)	9.12
	SEVLAMER CARBONATE	
	Allylamine	1.37
	Amidino compound	0.05
	Conc.HCl	3.16
	Methanol	26.32
18	Sodium Hydroxide	0.48
	Sorbitan sesquiolate	0.07
	Epichlorohydrine	0.19
	Toluene	12.43
	IPA	20.46
	Activated Carbon	0.01

	Celite	0.09
	Sodium carbonate	0.58
	SEVELAMER HYDROCHLORIDE	
	Allylamine	1.10
	Amidino compound	0.04
19	Conc.HCl	2.53
1.7	Methanol	21.05
	Sodium Hydroxide	0.43
	Epichlorohydrine	0.15
	IPA	20.88
	Desvenlafaxine succinate monohydrate	
	Venlafaxine hydrochloride	1.92
	Diethyl amino ethane thiol HCI	1.25
	Sodium Hydroxide	3.42
	Dimethyl sulfoxide	10.58
	Conc.HCl	6.54
	Aqueous ammonia	17.36
20	Toluene	13.34
20	MDC	25.50
	Activated carbon	0.19
	Celite	0.05
	ODV base	1.25
	Succinic acid	0.62
	Acetone	10.07
	Activated carbon	0.06
	Celite	0.05
	Pirfenidone	
	2-Hydroxy-5-methylpyridine (HMP)	1.00
	Bromobenzene	1.74
	Potassium carbonate	1.52
	Copper iodide	0.17
	Morpholine	0.16
21	Liquor ammonia	1.35
	Sodium chloride	1.25
	DMF	1.89
	Ethyl acetate	17.14
	n-Heptane	5.47
	Activated carbon	0.05
	Celite	0.04

	Desvenla faxin Benzoate	
	Venlafaxine hydrochloride	1.92
	Diethyl amino ethane thiol HCl	1.25
	Sodium Hydroxide	3.42
	Dimethyl sulfoxide	10.58
	Conc.HCI	6.54
	Aqueous ammonia	17.36
22	Toluene	13.34
~ ~	MDC	25.50
	Activated carbon	0.19
	Celite	0.05
	ODV base	1.25
	Benzoic acid	0.64
	Isopropyl alcohol	23.75
	Activated carbon	0.06
	Celite	0.05
	Ritonavir	
	Crude BDH succinate salt	1.12
	IPA	9.69
	Methanol	0.89
	Nitro thiazole intermediate	0.79
	Conc. HCl	2.08
	Sodium bicarbonate	1.22
	Potassium carbonate	2.42
	Aq. ammonia	0.53
23	Sodium hydroxide	0.86
	Ethyl acetate	37.17
	1-Hydroxybenzotriazole	0.31
	L-Valine intermediate	0.63
	N,N Dicyclo Hexyl carbodiimide	0.41
	Potassium dihydrogen orthophosphate	0.09
	Sodium Chloride	0.18
	n-Heptane	7.46
	Activated carbon	0.05
	Celite	0.02
	RIFAPENTINE	
	Rifamycin-S	1.43
24	Dimethyl formamide	4.05
	MDC	24.70
	Acetone	23.31

	DNS (Ethanol Denatured with acetone)	9.16
	Acetic Acid	1.86
	N-MTBA	0.50
	Piperazine	0.71
	Butylated hydroxy toluene (BHT)	0.03
	Sodium dithionite	0.03
	1-amino 4-methyl cyclopentyl piperazine (ACPP)	0.46
	Sodium ascorbate	0.09
	Succinic anhydride	0.01
	Sodium bicarbonate	0.01
	tert-butyl amine	0.53
	Formaldehyde	0.23

ANNEXURE – III

# HAZARDOUS WASTE DETAILS

[As specit	As specified under Haza	azardous and Other Wastes (Management and Transboundary Movement) Rules, 2016]	ansboundary Movement)	Rules, 2016]
			Total Qua	Total Quantity (Kg.)
Hazardous Wastes	Category	Type of Hazardous Waste	During the current	During the current
	ი 1		riidiicidi yedi 2022-23	FINANCIAI YEAR 2023-24
	78.1		2008	0.00
	1.02	raucess residue & WASIE	58/515	744395
	28.3	SPENT CARBON	13210	8125
	28.2	SPENT CATALYST	415	0.00
	28.4	OFF SPECIFICATION PRODUCT	7980	10990
	28.6	SPENT SOLVENT	1514965	1404613
	33.1	DISCARDED CONTAINERS in Nos.	0.00	0.00
(a) From Process	33.1	DISCARDED LINERS	18525	16750
	S4	NON-RECYCLE PLASTIC WASTE/ PVC	31490	34735
	S1	INSULATION WASTE	8.240	13.690
	33.2	CONTAMINATED COTTON RAGES OR OTHER CLEANING MATERIALS	13475	10370
	33.1	CUTTING CARBOY IN KG	40970	51430
	B15	SPENT ACID	0.00	0.00
	A10	LIQUOR AMMONIA	0.00	0.00
(b)From pollutant	35.3	ETP SLUDGE	146520	159880
control facilities	35.3	ATFD SOLID	191640	127280

ANNEXURE – IV

SOLID WASTE DETAILS

	<ul> <li>(a) From Process</li> <li>(b) From pollutant</li> <li>(b) From pollutant</li> <li>(c) (1) Quantity</li> <li>(c) (1) Quantity</li> <li>recycled or re- utilized within the unit</li> <li>(2) Sold</li> </ul>	Category	Type of Hazardous Waste	Total Qua During the current Financial year 2022- 23  	Total Quantity (Kg.) current ar 2022- Financial year 2023- 24 - -
:	(3) Dicnocal	2	1	ma	
	incodein (c)	-	1	:	ł

Note:

i) Sold total 205.336 MT Solid waste as scrap (MS, SS, Aluminum, Glass, Fiber, Wooden, PVC & Corrugated box) in FY 2023-2024. ii) Disposed of total 13.690 MT insulation waste to TSDF.

1. Incineration: 1.235 MT

2. Landfill: 12.455 MT

iii) Disposed of total 10.370 MT CONTAMINATED COTTON RAGES OR OTHER CLEANING MATERIALS

1. Incineration: 0.00 MT

2. Pre-processing: 10.370 MT

iv) Disposed of total 34.735 MT NON-RECYCLE PLASTIC WASTE/ PVC

1. Pre-Processing: 6.150 MT 2. Landfill: 28.585 MT

\*SCANNED\*



भारत सरकार जल शक्ति मंत्रालय जल संसाधन, नदी विकास और गंगा संरक्षण विभाग केन्द्रीय भूमि जल प्राधिकरण Government of India Ministry of Jal Shakti Department of Water Resources, River Development & Ganga Rejuvenation Central Ground Water Authority

# (भूजल निकासी हेतु अनापत्ति प्रमाण पत्र) NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:				M/s L	M/s Lupin Ltd											
Pr	oject Addre	ss:		M/s L	M/s Lupin Ltd, 21						05					
Vi	llage:			Dabh	Dabhasa				E	Block:	Pad	ra	X			
Di	strict:			Vado	Vadodara				State:	Guja	arat					
Pi	n Code:															
Communication Address:					Block No. 21, Village Dabhasa, Taluka - Padra, Padra, Vadodara, Gujarat - 391440											
Address of CGWB Regional Office :					Central Ground Water Board West Central Region, Swami Narayan College, Building, Shah Alam Tolnaka, Ahmadabad, Gujarat - 380022										ege,	
1.				C/IND/F	/IND/REN/3/2023/8449			1	2.	Date	of Issue	nce	26/10/2023			
3.	. Application No.: 21-4/127/GJ									egory: Critical VRE 2022)						
5.	Project Status: Existing Grou				ind Water 6.				6.	NOC	DC Type: Renewal					
7.	Valid from: 06/07/2023				8.				8.	Valid	alid up to: 05/07/2026					
9. Ground Water Abstraction Permitted:					ed:											
Fresh Water				Salin	Saline Water De				Dew	watering			Total			
			³/day	day m³/year m³/d			m³/da	у	m³/year			m³/day m³/ye		³/year		
640.00 233600.00			6	(4)												
10.	Details of g	ground w	ater abstrac	ion /Dev	vatering	g stru	ctures									
Total Existing No.:2								Total Proposed No.:0			lo.:0					
	DW			DCB	BW	TW	MP	MF	<b>u</b>	DW	DCB	BW	/ TW	MP	MPu	
	Abstraction Structure* 0			0	2	0	0	0		0	0	0	0	0	0	
*DW	/- Dug Well; D	CB-Dug-cu	m-Bore Well; B	W-Bore W	ell; TW-T	ube W	ell; MP-Mir	ne Pit;ľ	/Pu-	Mine F	umps					
11.	Ground Wa	ater Abst	raction/Rest	oration (	Charges	s paid	l (Rs.):			3780691.00						
12.	Environme	nt Comp	ensation (if a	pplicab	e) paid	(Rs.)	):						0.00			
13.			eters(Observ pred & Monit				No. of F	Piezoi	nete	ers			oring Mec			
										I	Manual	DWLF	R** DWLF	R With T	elemetry	

## (Compliance Conditions given overleaf)

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\*\*DWLR - Digital Water Level Recorder

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011 Phone: (011) 23383561 Fax: 23382051, 23386743 Website: cgwa-noc.gov.in

> पानी बचाये – जीवन बचाये SAVE WATER - SAVE LIFE

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011 Phone: (011) 23383561 Fax: 23382051, 23386743 Website: cgwa-noc.gov.in

> पानी बचाये – जीवन बचाये SAVE WATER - SAVE LIFE

#### Validity of this NOC shall be subject to compliance of the following conditions:

#### Mandatory conditions:

1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.

2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.

3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.

4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.

5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.

6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.

7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.

Industries abstracting ground water in excess of 100 m 3 /d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to 8) CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.

Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.

10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable

#### General conditions:

11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).

12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).

13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.

14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.

15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.

16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.

17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.

18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.

19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.

20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.

21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.

22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises

23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.

24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures

25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.

26) In case of new infrastructure projects having ground water abstraction of more than 20 m3/day, the firm/entity shall ensure implementation of dual water supply system in the projects

27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.

28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water

The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be. 29)

The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing Which penalty/E2/cancellation of NOC shall be imposed as the case may be.
 This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).
 In the self-compliance report, the PP shall submit details of Drilling Agency/ Agencies, which has/ have constructed BW(s)/ TW(s) along with undertaking to the effect that all necessary measures have been taken as per directions of Horble Supreme Court provided in Annexure-VII of guidelines dated 24.09.2020 in respect of abandoned/ failed BW(s)/ TW(s)/Piezometer(s), if any. The PP is advised to engage registered drilling agencies, agencies. In the event of any mishap/ unfortunate incident due to negligence in taking measures for prevention of accident due to falling in Bore Well, both PP and concerned drilling agency shall jointly be held responsible and penal action as per extant Government rules shall be taken.

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

# **CENTRAL GROUND WATER AUTHORITY**

Department of Water Resources, River Development and Ganga Rejuvenation Ministry of Jal Shakti, Govt. of India

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011 Phone: (011) 23383561 Fax: 23382051, 23386743 Website: cgwa-noc.gov.in

> पानी बचाये – जीवन बचाये SAVE WATER - SAVE LIFE

	R	eceipt	
(As per the guidelin	e Gazette Notification S.O. 3281(E) regardi https://	ng the New Guidelines dated 24.09.2 /cgwa-noc.gov.in	020 of CGWA, MoJS, Govt. of India)
Application No,:	21-4/127/GJ/IND/2007		Date of Issuence:26/10/2023
Name of Firm:	M/S LUPIN LTD		
AppType Category:	Bulk Drug		
Application Type:	Industrial		
PAN/GSTIN No. of Firm	n/Individual:	1	

S N	Description	Amount (Rs.)
1.	Application Processing Fee	5000.00
2.	Ground Water Abstraction /Restoration charges	3780691.00
3.	Environmental Compensation Charges (ECRGW) (Date From to) Days-	. O`
4.	Penalty for non-Compliance of NOC conditions Condition to be mentioned	
	Rs. Rupees Thirty Seven Lakh Eighty Five Thousand Six Hundred Ninty One Only	3785691.00

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