LUPIN LIMITED
198-202, New Industrial Area No. 2
Mandideep - 462 046, Dist. Raisen (M.P.)
Tel: +91-7480-410800, 233385

LUPIN

LL/RS/F-S01/26

September 25, 2026

To,

The Member Secretary,
M.P. Pollution Control Board,
Paryavaran Parisar,
E-5, Area Colony
Bhopal – 462016

Sub: Environment Statement for the FY 2025-26. (U-9)

Dear Sir,

We enclose herewith the Environment Statement of our manufacturing unit for the financial year 2025-26 in the prescribed Form-V in compliance to the consent obtained under the Air & Water (Prevention & Pollution Control) Act 1981 & 1974 respectively and the authorization obtained under Hazardous & Other Waste (Management & Trans-boundary Movement) Rule,2016.

We hope you will find the same in order.

Thanking you

Yours faithfully
For **Lupin Limited**

28/09/2026

Rajiv Avinash Puri
Site Head & Sr. GM Manufacturing

Encl. As above
Cc. The Regional Officer, MPPCB (Mandideep)

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FORM-V
(RULE 14)

ENVIRONMENTAL STATEMENT FOR LUPIN LIMITED, MANDIDEEP FOR THE FINANCIAL YEAR ENDING ON 31st MARCH, 2026

PART - A

1	Name & Address of the owner/occupier of the industry, operation or process	:	Mr. Ramesh Swaminathan Chief Financial Officer & Executive Director Lupin Limited, 198-202 New Industrial Area No.2, Mandideep - 462 046 Dist. Raisen (M.P.)
2	Industry Category		Formulation unit
3	Production Capacity – (Units)		Attached as **Annexure-1**
4	Year of Establishment		1988
5	Date of last Environmental Statement Submitted	:	September 29, 2025

PART – B

Water & Raw material Consumption

i) Water consumption (m^3/day)		
a) Process	:	31.96
b) Cooling/Boiler		12.05
d) Domestic		3.29
Total(m^3/day)		**47.30**

Sl. No	Name of Products	Process Water consumption per unit of product output.	
		During the previous financial Year (Ltr./Nos.)	During the current financial year (Ltr./Nos.)
1	Formulation(Tablets, Capsules, Syrups)	0.052	0.093

*Details is provided in **Annexure – 2.**

* Water consumption values are computed on the basis of water requirement on the production capacity. Boiler water consumption has not been reported separately, as the Boiler facility is common to both the API and Formulation Units.

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(ii) Raw Material Consumption :

Sl.No.	Name of Products	Consumption of Raw Materials per unit output during	
		The Previous Financial Year	**Current Financial Year**
1.	Capsules		
2.	Syrups		
3.	Tablets		Attached as **Annexure-3**
4.	Infusions		
5.	Injections		
6.	Ointments		

PART – C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued).

1. Pollution	Quantity of Pollutants discharged (mass/day)			Concentration of pollutants in discharge (mass/volume) [mg/l]	Percentage of variation from prescribed standards with reasons(As percentage value of the value given in consent	
(a) Water	ETP-I	Flow (m^3/day)	81	-	-	Kindly refer **Annexure -4 & 5** for details
		COD (kg/day)	5.2	64	-	
		BOD (kg/day)	1.2	15	-	
		SS (kg/day)	6.1	75	-	
(b) Air	SPM: 3.86 Kg/hr. SO_2: 3.53 Kg/hr. No_x: 5.47 Kg/hr.					Kindly refer **Annexure -6** for details

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PART - D
Hazardous Wastes

[As specified under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016]

Hazardous Waste	Total Quantity	
	During the Previous Financial Year (In MT)	During the Current Financial Year (In MT)
a) From Process		
• Discarded container	16.37	21.88
• Spent oil	0.00	2.457
• Date expired drugs	3.23	3..060
• Off Specification product	6.80	4.440
• Spent Ion exchange resin containing toxic metals.	-	-
b) From Pollution Control Facilities (ETP Sludge)	51.95	171.62

*All details provided in **Annexure – 7.**

PART - E
(Solid Waste)

Solid Waste	Total Qty.(MT) during	
	During (FY 2024-25)	During (FY 2025-26)
a) From Process (Packing Material & Process Waste)	721.76	745.76
b) From Pollution Control facilities.(Boiler Ash)	2634.44	2879.69
c) C& D Waste	1517.00	1107.00
i. Quantity recycled or re-utilized within the unit.		
ii. Sold		
iii. Disposed		
iv. Canteen waste	17.36	16.48

*Solid Waste & Canteen waste quantity is for entire site (API & Formulation)

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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 :-

As per HW Authorization No. H-57263 dtd. 21.12.2022 (Outward No.117062 dtd. 21/12/2022), granted to the industry, the disposal of hazardous waste is being done in the CTSDF of Pithampur Industrial Waste Management Private Limited, Pithampur & authorized recyclers.

Solid waste: The paper waste generated is shredded and sold to Recyclers.

PART – G

Impact of the pollution abatement measures on conservation of natural resources and on the cost of production: -

1. Treated effluent is of good quality and detail regarding the characteristics of treated effluent (RO permeate) is given in **Annexure-5**. The treated effluent from the ETP is processed in Waste Water Recycling facility which comprises of pre-filtration unit & reverse osmosis unit, evaporator and dryer. The recycled water from this facility is used as make up water in cooling tower and boilers, the quality of the same is also given in **Annexure-5.** This results into conservation of natural resource (fresh water)

   Extensive tree plantation has been done in and around the premises. Adequate number of trees has been planted all over the area. The growth of the plantation is very good. Detail of plantation is given in **Annexure -8**.

2. There is a dedicated in-house laboratory facility for wastewater analysis and to carry out detailed laboratory studies on wastewater. Constant and regular efforts are made to achieve better performance of the ETP.

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PART – H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution: -

Investment on Existing facilities is as follows: -

			Amount in Lacs
1	Effluent Treatment Plant-I	:	40.0
2	Effluent Treatment Plant-II	:	120.0
3	Incinerator-I (Dismantled)	:	10.0
4	Incinerator-II (Dismantled after start of TSDF)	:	50.0
5	Storage Tank	:	25.0
6	Secure Landfill (closed after start of TSDF)	:	23.0
7	Sludge Decanter	:	30.0
8	R.O.(Phase-I) for Waste Water Recycling	:	100.0
9	R.O. Plant (Phase-II)	:	240.0
10	DTRO & Spiral RO	:	115.0
11	DTRO IV	:	75.8
12	Tube Settler & Ceramic Filter (Dismantled)	:	15.0
13	Wet Scrubber for Stack (Dismantled)	:	5.0
14	Equalization tank	:	13.0
15	Primary Clarifier	:	10.0
16	Secondary Clarifier	:	10.0
17	Diffused Aeration Tank	:	50.0
18	Tertiary Clarifier	:	12.0
19	Tube Settler	:	5.0
20	Decanter	:	20.0
21	Multi-Effect Evaporator-I (Dismantled after installed new MEE plant (MEE-III)	:	190.0
22	Multi-Effect Evaporator-II	:	174.3
23	Multi-Effect Evaporator-III	:	700.0
24	Agitated Thin-film Dryer - II	:	45.0
25	Spin Flash Dryer	:	75.0
26	Camera & Flow meter	:	5.0
27	Rain water recharge pits	:	17.0
28	Environment Laboratory facility & upgradation	:	30.0
29	Water audit & water assessment	:	7.0
30	Online AAQMS	:	125.0
31	Green Belt Development	:	35.0
32	Environmental Impact Assessment Studies	:	9.5
33	Piezometer & flowmeters	:	10.0
34	Odor control mechanism	:	5.0
35	Digital display board	:	5.0
36	Paddle dryers	:	250.0
37	Multi Disk Screw Press	:	42.0
38	Agitated Thin-film Dryer-III	:	110
39	High Pressure RO	:	130
40	Environment Audit & Assessment	:	6
41	MEE Feed TDS and Flow meter for	:	5

* Refer **Annexure - 9** for Budget allocation

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Note:

1) The operating annual budget allocated for FY 2025-26 for Environment is **Rs. 1,444.82 lacs**.

2) We have full-fledged Environment Department for operation, maintenance and monitoring of the Pollution Control Equipments and Green Belt development.

3) Monitoring of Stack Emission, Ambient Air and Water quality is being done regularly through an approved external agency.

4) Maintenance department is doing regular check and scheduled maintenance of all pollution control devices.

5) Noise levels are monitored and care is taken to keep all equipments in good working condition to keep the noise level within the prescribed norms.

6) Variable frequency drive has been installed to reduce energy consumption and several initiatives have been taken for the same.

7) Green belt developed, maintenance and tree plantation in and around the factory premises is our ongoing process. We plant new species to increase the biodiversity of the area. Total area under green belt is more than 33% of plot area.

8) Good housekeeping is being maintained in and around the factory premises.

9) Treated effluent is completely recycled and used for cooling towers and boiler as make up water.

PART - I

Any other particulars for improving the quality of the environment: -

The manufacturing facility of the formulation plants are non-polluting. The liquid waste is completely recycled within the factory premises.

LUPIN REAFFIRMS IT'S COMMITTMENT TO THE CAUSE OF INDUSTRIAL SAFETY, OCCUPATIONAL HEALTH & CLEAN ENVIRONMENT IN AND AROUND IT'S PREMISES.

For **LUPIN LIMITED**

Rajiv Avinash Puri
SITE HEAD & SR. GM (MANUFACTURING)

Encl: As above

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Annexure-1

LIST OF PRODUCTS & PRODUCTION CAPACITIES

Formulation:

Sl. No.	Name of Product	Unit	Production Capacity	Produced Qty.
1	Capsules	Crores	72.00	11.54
2	Infusions	Lacs	6.00	0.00
3	Injections	Lacs	12.00	0.00
4	Ointments	Lacs	5.00	0.00
5	Syrups	Crores	1.50	0.38
6	Tablets	Crores	20.00	1.91

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Annexure-2

DAILY PROCESS WATER CONSUMPTION (BASED ON ACTUAL PRODUCTION RATES)

Sl.No.	Name of Products	Process water requirement as per actual production (liter/units)	Daily average production rates /Unit (in Nos) of products (FY 2025-26)	Average Max. daily process water requirement (in m3)
1	Capsules	0.093	378888	46
2	Syrups			
3	Tablets			
4	Ointments	Not Produced	Not Produced	Not Produced
5	Infusions	Not Produced	Not Produced	Not Produced
6	Injections	Not Produced	Not Produced	Not Produced

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Annexure-3

LIST OF RAW MATERIAL - FORMULATION

Sl.No.	Name of Raw Material
1	ANHYDROUS LACTOSE(USNF)
2	ART BANANA SPRAY DRY(10805500/IFF)IH
3	ASPARTAME PH.EUR.(AJINOMOTO)
4	ASPARTAME USNF (AJINOMOTO)
5	BUBBLEGUM FLA PERMA IH/GIVAUDAN/96476-31
6	CALCIUM SULFATE DIHYDRATE USNF
7	CARMELLOSE CALCIUM PH.EUR (ECG505/ACETO)
8	CEF. PROXETIL MICRO. S. AF.(PH.DYNAMICS)
9	CEFADROXIL USP NON COMPACTED
10	CEFADROXIL USP US
11	CEFALEXIN MONOHYDRATE
12	CEFALEXIN MONOHYDRATE Ph. Eur. C. (COS)
13	CEFDINIR ANHYDROUS
14	CEFDINIR MONOHYDRATE USP
15	CEFDINIR USP
16	CEFIXIME USP
17	CEFIXIME USP/IH
18	CEFPODOXIME PROXETIL MICRONIZED
19	CEFPROZIL USP
20	CEFUROXIME AXETILAMORPHOUS USP(Covalent)
21	Cephalexin IP
22	CEPHALEXIN USP (C) (US)
23	CEPHALEXIN USP (COMPACTED) (US)
24	CEPHALEXIN USP (US)
25	CEPHALEXIN USP/BP/Ph.EUR (C)
26	CITRIC ACID ANHYDROUS PH. EUR(MERCK)
27	CITRIC ACID ANHYDROUS(POWDER,MERCK)USP
28	CMC CALCIUM USNF(ECG505/ACETO]
29	COL. SILICON DIOXIDE(AEROSIL200) NF/EP
30	COLOUR SUNSET YELLOW LD
31	CORN STARCH NF (UNIPURE FL/NATIONAL)
32	CROSCARMELLOSE SODIUM (AC-DI-SOL)NF/EP
33	CROSPOVIDONE (POLYPLASDONE XL) NF/EP
34	DCP (DIHYDRATE/DI-TAB/) USP/EP
35	EGC DARK GREEN/LIGHT GREEN "0"500/LUPIN
36	EGC DARK GREEN/WHITE "2"(250/LUPIN) IH
37	EGC SIZE 0 OP PINK/OP PINK LU/U43 (USA)
38	EGC,0,BLUE/PURPLE,LUPIN/CEFDINIR,ASSO.CA
39	EGC-D.GREEN/ L.GREEN SIZE-0 "500" IH

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40	EGC-DARK GREEN/WHITE SIZE-2 "250" IH
41	FD&C RED #40 AL.LAKE(HT-17%/COLORCON)IH
42	FD&C YLW#6/SUNSET YELLOW FCFAL15-18%CLCN
43	FERRIC OXIDE NF+IH (YELLOW IRON 818802)
44	FLAVOUR STRAWBERRY(052311 AP 0551)
45	FLAVOUR STRAWBERRY052311 AP0551IH CANADA
46	GLYCINE USP (MERCK)
47	GUAR GUM,(MEYPRO-GUAR CS AAM-175)USNF
48	HPC PH.EUR (KLUCEL EXF/AQUALON)
49	HPC,USNF,KLUCEL EXF,AQUALON,HERCULS ANDA
50	HYDROGENATED VEGETABLE OIL(TYPE 1)USNF
51	HYDROXYPROPYL METHYCELLULOSE PREK15M IP
52	HYPROMELLOSE (METHOCL-E15) USP/EP
53	HYPROMELLOSE (METHOCL-E5) USP/EP
54	HYPROMELLOSE2208 USP [METHOCEL K15M PRE]
55	LACTOSE MONOHYDRATE(PHARMATODCL11)PH.EUR
56	LAKE PIGM HT5404FD&C RED40ALUMIN IH CAND
57	LOW SUB. HPC USNF /IH (LH-11,SHINETSU)
58	MAG. STEA PH.EUR.(PPTED FINE POW/MERCK)
59	MAGNESIUM STEARATE (VEG.GRADE)NF/EP
60	MAGNESIUM STEARATE IP (INTRA GRANULAR)
61	MAIZE STARCH BP
62	MAIZE STARCH PH.EUR/IH [UNI-PUREFL/NAT.]
63	MANNITOL (PEARLITOL 100SD) USP
64	MAROON CAP/WHITE BODY 0 LU/F11 ASSOCIATE
65	MCC & CMC SOD USNF (AVICEL CL611/FMC)
66	MCC NF(COMPRECEL M 101 D+) MINGTAI
67	MCC PH.EUR.-(AVICEL PH101)
68	METHYLCELULOSEUSNF(METHOCELA15/COLORCON)
69	MICROCRY. CELLULOSE (AVICEL-101) NF/EP
70	MICROCRY. CELLULOSE (AVICEL-102) NF/EP
71	OPADRY 03A28718 WHITE IH (COLORCON)
72	OPADRY 15B53449 ORANGE IH (COLORCON)
73	OPADRY IH Y-1-7000 WHITE(COLORCON)
74	OPADRY II 33G28707 WHITE
75	OPADRY II 85F18378(WHITE)
76	OPADRY II 85F54598 (PINK)
77	OPADRY ORANGE 03F530060 IH COLORCON
78	POLYETHYLENE GLYCOL 4000 NF
79	POW FLA ORANGE: 501071AP0551
80	POW FLA PINEAPPLE: 501085AP0551
81	PREGELATINISED STARCH(STRCH 1500 LM)USNF
82	PREGELATINIZED STARCH USNF (STARCH 1500)
83	PROPYLENE GLYCOL USP
84	SACCHARIN SODIUM USP
85	SILICA, COLLOIDAL ANHYDROUS PH.EUR./BP
86	SODIUM ALGINATE IP (Protanal CR 8223)
87	SODIUM ALGINATE NF (PROTANAL CR8133)

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88	SODIUM BENZOATE PH.EUR./B.P.
89	SODIUM BENZOATE(MERCK)USNF
90	SODIUM CHLORIDE USP (MERCK)
91	SODIUM CITRATE USNF(ANH)(PAUL-LOHMAN)
92	SODIUM LAURILSULFATE PH. EUR
93	SODIUM LAURYL SULPHATE(TEXAPON K-1)USNF
94	SODIUM STARCH GLYCOLATE USNF-ROQUETTE
95	SUCROSE NF #40-80# DHANRAJ SUGARS
96	SUCROSE NF (40-80#, M.B.SUGARS)
97	SUCROSE PH.EUR - #40-#80
98	SUCROSE PH.EUR (40-80 M.B. SUGAR)
99	SUCROSE USNF - #30-#80
100	SUCROSE,USNF,(#30-#80)(ANDA)
101	TALC USP
102	TITANIUM DIOXIDE USP
103	XANTHAN GUM,FFJUNGBUNZLAUER(USNF)
104	YELLOWIRONOXIDEIH(818802SPECTR.SENSIENT)

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Annexure - 4

(i) EEFLUENT CHARACTERISTICS FOR VARIOUS PRODUCTIONS (INLET)					
Sl. No.	Name of Product	Flow Rate (M^3/Day)	B.O.D. (mg/l)	C.O.D. (mg/l)	S.S. (mg/l)
1	Formulation	88	1000	1200	500

(ii) PROCESS EFFLUENT'S CHARACTERISTICS AT INLET TO ETP (Actual)				
Averages				
ETP-I	99	214	400	197

(iii) PROCESS EFFLUENTS CHARACTERISTICS AT OUTLET OF ETP (Actual)				
Averages				
ETP-I	81	15	64	75

(iv) EFFLUENT CHARACTERISTICS FOR VARIOUS PRODUCTS PRESCRIBED BY M.P.P.C.B. IN THEIR RESPECTIVE CONSENT FORMS.					
Sl.No.	Name of Product	Flow Rate (M^3/Day)	B.O.D. (mg/l)	C.O.D. (mg/l)	S.S. (mg/l)
1	Formulation (Tablets, Capsuls & Syrups)	88.0	30	250	100

ETP-I (100 KL/DAY)	B.O.D. (Kg/day)	C.O.D. (Kg/day)	S.S. (Kg/day)
Total actual load in process effluent(untreated)	21	40	19
Total actual load in process effluent(treated)	1.2	5.2	6.1
Total maximum load at full production capacity.	4	8.3	7.7

The actual effluent generation 37.55 (m3/day) is within the total permissible quantity (88.0 M3/day) as per consents issued.

The effluent streams have been segregated w.r.t. the pollution load. Waste water having COD less than 2500 mg/l is treated in ETP-I.

All trade & sewage effluent is treated through the Common Effluent Treatment Plant (ETP-I), this helps to maintain the activated sludge process of ETP-I. which include advanced Tertiary Treatment Unit. The treated effluent shall be recycled in recycling facility comprising of Reverse Osmosis, Multi-effect evaporation and Drying Units. The recovered water obtained from this is used as make up water in cooling towers and as boiler feed water. ZLD condition maintained all the time.

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Annexure-5

AVERAGE CHARACTERISTICS OF TREATED WASTE WATER (RO PERMEATE)

SL. NO.	MONTH	pH	COD	BOD	TSS	TDS	Oil & Grease
			mg/ltr.	mg/ltr.	mg/ltr.	mg/ltr.	mg/ltr.
1	Apr-25	6.79	5.80	1.00	0.00	19.00	0.00
2	May-25	6.97	3.76	1.00	0.40	22.00	0.00
3	Jun-25	6.59	9.83	3.20	0.40	21.00	0.00
4	Jul-25	6.84	14.96	4.11	0.00	23.88	0.00
5	Aug-25	6.79	3.00	0.28	0.00	19.00	0.00
6	Sep-25	6.84	5.42	1.46	0.13	20.58	0.00
7	Oct-25	7.41	8.65	2.13	0.00	18.74	0.00
8	Nov-25	7.07	4.76	1.35	0.00	20.96	0.00
9	Dec-25	7.11	3.46	1.03	0.00	11.65	0.00
10	Jan-26	7.09	1.29	0.18	0.00	13.88	0.00
11	Feb-26	7.05	4.70	0.93	0.00	16.70	0.00
12	Mar-26	7.19	2.63	1.20	0.00	18.46	0.00
AVERAGE		**6.98**	**5.69**	**1.49**	**0.08**	**18.82**	**0.00**

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Annexure-6

STACK MONITORING RESULTS

Particulars	Briquette Boiler Stack
SPM (mg/Nm^3)	39.14
SO_2 (mg/Nm^3)	35.80
NO_x (mg/Nm^3)	55.46
Stack Temperature (°C)	98
Diameter of stack (M)	2.4
Velocity of Stack gas (m/s)	6.5
Stack gas flow rate (Nm^3/hr)	98634
QUANTITY OF POLLUTION GENERATED (Kg/hr)	
SPM	3.86
SO_2	3.53
NO_x	5.47
TOTAL AIR POLLUTION FROM ALL THE SOURCES (Kg/hr)	
SPM : 3.86 SO2 : 3.53 NOx : 5.47	

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Stack monitoring Reports (FY 25-26)

Stack monitoring Ap,25

TC-11359

Sustainability

Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to : M/s. Lupin Ltd. Unit -I, 198-202 New Industrial Area No.2, Mandideep -462046, District : Raisen, Madhya Pradesh, India	Report No: PIWMPL/LAB/80/2025-26 Issued Date : 19/04/2025 ULR No.: TC113592500000853F

Stack Identification: Stack Attached to Briquette Boiler Stack

Date & Time of Monitoring : 14/04/2025 at 15:10 Hours	Date of Sample Reciept: 14/04/2025
Date of Start of Analysis: 15/04/2025	Date of Completion of Analysis : 19/04/2025

Other References :

Ref:1	Nature of Sample:: Stack Emission Monitoring	Ref:2	Stack Temperature : 94 °C
Ref:3	Stack gas Velocity: 7.68 m/sec	Ref:4	Ambient Temperature : 38 °C
Ref:5	Relative Humidity : 43 %	Ref:6	Diameter of Stack : 2.4 Meter
Ref:7	Fuel Fired : Biomass	Ref:8	Stack Height : 31 meters
Ref:9	Flue gas Flow Rate: 94880.97 Nm3/hr	Ref:10	Duration of Sampling: 40 minutes
Ref:11	Monitoring Carried out by : PIWMPL Representative	Ref:12	General Environment Condition: Clear Sky
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	Sampling Equipment used: Stack Kit - PIWMPL/LAB/INS/49
Ref:15	Calibration Date: 22/11/2024 Calibration Due Date: 22/11/2025		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter	mg/Nm^3	26.13	150	IS 11255 (Part 1) :1985
2	Oxides of Nitrogen as NO_x	mg/Nm^3	45.72	NM	IS 11255 (Part 7) : 2005
3	Sulphur Dioxide as SO2	mg/Nm^3	35.85	NM	IS 11255 (Part 2) : 1985
4	Carbon Monoxide as CO	mg/Nm^3	56.40	NM	PIWMPL/LAB/SOP/19, Issue No. 1, Issue Date: 21.07.2022

Note : 1.NM refers to "Not mentioned".

2.The above results relate only to conditions prevailing at the time of sampling.

3. Statement of conformity to a specification or standard is given only on the request of customer.

4. The report cannot be reproduced in part or in full without the permission of Pithampur Industrial Waste Management Pvt. Ltd.

**********End of the test report**********

Authorized Signatory:
S. Babyrani
PIWMPL/LAB/QRF/00/21.07.2022

Pithampur Industrial Waste Management Private Limited
(A Subsidiary of Re Sustainability Limited)
CIN No. U90000TG2010PTC071919

Registered Office:
Level 11B, Aurobindo Galaxy,
Hyderabad Knowledge City,
Hitech City Road, Hyderabad-500 081.
India

Site Address:
Plot No 104, Industrial Area, Sector-II,
Pithampur, District Dhar - 454 775,
Madhya Pradesh,
India.

Certificate REG No : 23EQKR96 (ISO 9001 : 2015)
Certificate REG No : 23EEKW63 (ISO 14001 : 2015)
Certificate REG No : 23EOKE89 (ISO 45001 : 2018)

T: 7067678811,12,13
E: mbdmpwmp@resustainability.com
piwmpl.com

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Stack monitoring reg 125

TC-11358

Sustainability

Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to : M/s. Lupin Ltd. Unit -I, 198-202 New Industrial Area No.2, Mandideep -462046, District : Raisen. Madhya Pradesh, India	Report No: PIWMPL/LAB/341/2025-26 Issued Date : 27/05/2025 ULR No.: TC113592500000950F

Stack Identification: Stack Attached to Briquette Boiler Stack

Date & Time of Monitoring : 14/05/2025 at 13:25 Hours	Date of Sample Reciept: 14/05/2025
Date of Start of Analysis: 15/05/2025	Date of Completion of Analysis : 26/05/2025

Other References :

Ref:1	Nature of Sample:: Stack Emission Monitoring	Ref:2	Stack Temperature : 91 °C
Ref:3	Stack gas Velocity: 7.66 m/sec	Ref:4	Ambient Temperature : 34 °C
Ref:5	Relative Humidity : 53 %	Ref:6	Diameter of Stack : 2.4 Meter
Ref:7	Fuel Fired : Biomass	Ref:8	Stack Height : 31 meters
Ref:9	Flue gas Flow Rate: 95423.39 Nm3/hr	Ref:10	Duration of Sampling: 40 minutes
Ref:11	Monitoring Carried out by : PIWMPL Representative	Ref:12	General Environment Condition: Clear Sky
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	Sampling Equipment used: Stack Kit - PIWMPL/LAB/INS/49
Ref:15	Calibration Date: 22/11/2024 Calibration Due Date: 22/11/2025		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1: Stack Emisssion Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter	mg/Nm^3	25.32	150	IS 11255 (Part 1) :1985
2	Oxides of Nitrogen as NO_x	mg/Nm^3	42.14	NM	IS 11255 (Part 7) : 2005
3	Sulphur Dioxide as SO2	mg/Nm^3	32.84	NM	IS 11255 (Part 2) : 1985
4	Carbon Monoxide as CO	mg/Nm^3	59.67	NM	PIWMPL/LAB/SOP/19, Issue No. 1, Issue Date: 21.07.2022

Note : 1.NM refers to "Not mentioned".

2.The above results relate only to conditions prevailing at the time of sampling.

3. Statement of conformity to a specification or standard is given only on the request of customer.

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**********End of the test report**********

Authorized Signatory:
S. Babyrani
PIWMPL/LAB/QRF/30/21.07.2022

Pithampur Industrial Waste Management Private Limited
(A Subsidiary of Re Sustainability Limited)

CIN No. U90000TG2010PTC071919

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Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to : M/s. Lupin Ltd.
Unit -I, 198-202 New Industrial Area No.2, Mandideep -462046,
District : Raisen, Madhya Pradesh, India

Report No: PIWMPL/LAB/650/2025-26
Issued Date : 23/06/2025
ULR No.: TC113592500001196F

Stack Identification: Stack Attached to Briquette Boiler Stack

Date & Time of Monitoring : 14/06/2025 at 13:10 Hours
Date of Sample Reciept: 14/06/2025
Date of Start of Analysis: 15/06/2025
Date of Completion of Analysis : 21/06/2025

Other References :

Ref:1	Nature of Sample:: Stack Emission Monitoring	Ref:2	Stack Temperature : 94 °C
Ref:3	Stack gas Velocity: 7.86 m/sec	Ref:4	Ambient Temperature : 28 °C
Ref:5	Relative Humidity : 53 %	Ref:6	Diameter of Stack : 2.4 Meter
Ref:7	Fuel Fired : Biomass	Ref:8	Stack Height : 31 meters
Ref:9	Flue gas Flow Rate: 9711.47 Nm3/hr	Ref:10	Duration of Sampling: 40 minutes
Ref:11	Monitoring Carried out by : PIWMPL Representative	Ref:12	General Environment Condition: Clear Sky
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	Sampling Equipment used: Stack Kit - PIWMPL/LAB/INS/48
Ref:15	Calibration Date: 22/11/2024 Calibration Due Date: 22/11/2025		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter	mg/Nm^3	29.43	150	IS 11255 (Part 1) :1985
2	Oxides of Nitrogen as NO_x	mg/Nm^3	47.52	600	IS 11255 (Part 7) : 2005
3	Sulphur Dioxide as SO2	mg/Nm^3	35.56	300	IS 11255 (Part 2) : 1985
4	Carbon Monoxide as CO	mg/Nm^3	44.67	NM	PIWMPL/LAB/SOP/19, Issue No. 1, Issue Date: 21.07.2022

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Test Report

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Issued to : M/s. Lupin Ltd. Unit -I, 198-202 New Industrial Area No.2, Mandideep -462046, District : Raisen, Madhya Pradesh, India	**Report No:** PIWMPL/LAB/1128/2025-26 **Issued Date :** 28/07/2025 **ULR No.:** TC113592500000163SF

Stack Identification: Stack Attached to Briquette Boiler Stack

Date & Time of Monitoring : 17/07/2025 at 13:25 Hours	**Date of Sample Reciept:** 17/07/2025
Date of Start of Analysis: 19/07/2025	**Date of Completion of Analysis :** 28/07/2025

Other References :

Ref:1	**Nature of Sample::** Stack Emission Monitoring	**Ref:2**	**Stack Temperature :** 98 °C
Ref:3	**Stack gas Velocity:** 8.07 m/sec	**Ref:4**	**Ambient Temperature :** 28 °C
Ref:5	**Relative Humidity :** 69 %	**Ref:6**	**Diameter of Stack :** 2.4 Meter
Ref:7	**Fuel Fired :** Biomass	**Ref:8**	**Stack Height :** 31 meters
Ref:9	**Flue gas Flow Rate:** 98634.10 Nm3/hr	**Ref:10**	**Duration of Sampling:** 40 minutes
Ref:11	**Monitoring Carried out by :** PIWMPL Representative	**Ref:12**	**General Environment Condition:** Clear Sky
Ref:13	**Sampling Protocol:** PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	**Ref:14**	**Sampling Equipment used:** Stack Kit - PIWMPL/LAB/INS/49
Ref:15	**Calibration Date:** 22/11/2024 **Calibration Due Date:** 22/11/2025		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Stack Emisssion Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter	mg/Nm^3	28.98	150	IS 11255 (Part 1) :1985
2	Oxides of Nitrogen as NO_x	mg/Nm^3	59.17	600	IS 11255 (Part 7) : 2005
3	Sulphur Dioxide as SO2	mg/Nm^3	32.96	300	IS 11255 (Part 2) : 1985
4	Carbon Monoxide as CO	mg/Nm^3	121.59	NM	PIWMPL/LAB/SOP/19, Issue No. 1, Issue Date: 21.07.2022

Note : 1.NM refers to "Not mentioned".

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Authorized Signatory:
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Issued to : M/s. Lupin Ltd. Unit -I, 198-202 New Industrial Area No.2, Mandideep -462046, District : Raisen, Madhya Pradesh, India	Report No: PIWMPL/LAB/1555/2025-26 Issued Date : 28/08/2025 ULR No.: TC113592500000185 2F

Stack Identification: Stack Attached to Briquette Boiler Stack

Date & Time of Monitoring : 19/08/2025 at 13:45 Hours	Date of Sample Reciept: 19/08/2025
Date of Start of Analysis: 20/08/2025	Date of Completion of Analysis : 28/08/2025

Other References :

Ref:1	Nature of Sample:: Stack Emission Monitoring	Ref:2	Stack Temperature : 131 °C
Ref:3	Stack gas Velocity: 12.90 m/sec	Ref:4	Ambient Temperature : 32 °C
Ref:5	Relative Humidity : 69 %	Ref:6	Diameter of Stack : 2.4 Meter
Ref:7	Fuel Fired : Biomass	Ref:8	Stack Height : 31 meters
Ref:9	Flue gas Flow Rate: 144835.65 Nm3/hr	Ref:10	Duration of Sampling: 25 minutes
Ref:11	Monitoring Carried out by : PIWMPL Representative	Ref:12	General Environment Condition: Clear Sky
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	Sampling Equipment used: Stack Kit - PIWMPL/LAB/INS/49
Ref:15	Calibration Date: 22/11/2024 Calibration Due Date: 22/11/2025		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Stack Emisssion Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter	mg/Nm^3	32.02	150	IS 11255 (Part 1) :1985
2	Oxides of Nitrogen as NO_x	mg/Nm^3	61.86	600	IS 11255 (Part 7) : 2005
3	Sulphur Dioxide as SO2	mg/Nm^3	46.41	300	IS 11255 (Part 2) : 1985
4	Carbon Monoxide as CO	mg/Nm^3	80.43	NM	PIWMPL/LAB/SOP/19, Issue No. 1, Issue Date: 21.07.2022

Note : 1.NM refers to "Not mentioned"

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Authorized Signatory:
Sagar Atadiya

PIWMPL/LAB/QRF/00/21.07.2022

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Stack monitoring Sept, 25

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Test Report

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Issued to : M/s. Lupin Ltd. Unit -I, 198-202 New Industrial Area No.2 Mandideep -462046, District : Raisen, Madhya Pradesh, India	**Report No:** PIWMPL/LAB/1774/2025-26 **Issued Date :** 20/09/2025 **ULR No.:** TC113592500000219 7F

Stack Identification: Stack Attached to Briquette Boiler Stack

Date & Time of Monitoring : 10/09/2025 at 12:10 Hours	**Date of Sample Reciept:** 10/09/2025
Date of Start of Analysis: 11/09/2025	**Date of Completion of Analysis :** 20/09/2025

Other References :

Ref:1	**Nature of Sample::** Stack Emission Monitoring	**Ref:2**	**Stack Temperature :** 142 °C
Ref:3	**Stack gas Velocity:** 13.22 m/sec	**Ref:4**	**Ambient Temperature :** 31 °C
Ref:5	**Relative Humidity :** 78 %	**Ref:6**	**Diameter of Stack :** 2.4 Meter
Ref:7	**Fuel Fired :** Biomass	**Ref:8**	**Stack Height :** 31 meters
Ref:9	**Flue gas Flow Rate:** 144494.22 Nm3/hr	**Ref:10**	**Duration of Sampling:** 25 minutes
Ref:11	**Monitoring Carried out by :** PIWMPL Representative	**Ref:12**	**General Environment Condition:** Clear Sky
Ref:13	**Sampling Protocol:** PIWMPL/SOP/LAB/45:2022;Rev./Issue.01	**Ref:14**	**Sampling Equipment used:** Stack Kit - PIWMPL/LAB/INS/49
Ref:15	**Calibration Date:** 22/11/2024 **Calibration Due Date:** 22/11/2025		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Stack Emisssion Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter	mg/Nm^3	30.79	150	IS 11255 (Part 1) :1985
2	Oxides of Nitrogen as NO_X	mg/Nm^3	54.69	600	IS 11255 (Part 7) : 2005
3	Sulphur Dioxide as SO_2	mg/Nm^3	42.19	300	IS 11255 (Part 2) : 1985
4	Carbon Monoxide as CO	mg/Nm^3	57.81	NM	PIWMPL/LAB/SOP/19, Issue No. 1, Issue Date: 21.07.2022

Note : 1.NM refers to "Not mentioned".

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Test Report

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Issued to : M/s. Lupin Ltd. Unit -I, 198-202 New Industrial Area No.2, Mandideep -462046, District : Raisen, Madhya Pradesh, India	**Report No:** PIWMPL/LAB/2479/2025-26 **Issued Date :** 30/10/2025 **ULR No.:** TC113592500000292 9F

Stack Identification: Stack Attached to Briquette Boiler Stack

Date & Time of Monitoring : 11/10/2025 at 12:55 Hours	**Date of Sample Reciept:** 11/10/2025
Date of Start of Analysis: 13/10/2025	**Date of Completion of Analysis :** 30/10/2025

Other References :

Ref:1	**Nature of Sample::** Stack Emission Monitoring	**Ref:2**	**Stack Temperature :** 129 °C
Ref:3	**Stack gas Velocity:** 13.09 m/sec	**Ref:4**	**Ambient Temperature :** 31 °C
Ref:5	**Relative Humidity :** 72 %	**Ref:6**	**Diameter of Stack :** 2.4 Meter
Ref:7	**Fuel Fired :** Biomass	**Ref:8**	**Stack Height :** 31 meters
Ref:9	**Flue gas Flow Rate:** 147700.08 Nm3/hr	**Ref:10**	**Duration of Sampling:** 25 minutes
Ref:11	**Monitoring Carried out by :** PIWMPL Representative	**Ref:12**	**General Environment Condition:** Clear Sky
Ref:13	**Sampling Protocol:** PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	**Ref:14**	**Sampling Equipment used:** Stack Kit - PIWMPL/LAB/INS/49
Ref:15	**Calibration Date:** 22/11/2024 **Calibration Due Date:** 22/11/2025		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Stack Emisssion Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter	mg/Nm^3	29.88	150	IS 11255 (Part 1) :1985
2	Oxides of Nitrogen as NO_x	mg/Nm^3	52.90	600	IS 11255 (Part 7) : 2005
3	Sulphur Dioxide as SO2	mg/Nm^3	39.38	300	IS 11255 (Part 2) : 1985
4	Carbon Monoxide as CO	mg/Nm^3	64.09	NM	PIWMPL/LAB/SOP/19, Issue No. 1, Issue Date: 21.07.2022

Note : 1.NM refers to "Not mentioned".

2.The above results relate only to conditions prevailing at the time of sampling.

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Authorized Signatory:
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Issued to : M/s. Lupin Ltd. Unit -I, 198-202 New Industrial Area No.2, Mandideep -462046, District : Raisen, Madhya Pradesh, India	Report No: PIWMPL/LAB/3201/2025-26 Issued Date : 22/11/2025 ULR No.: TC113592500000321 9F

Stack Identification: Stack Attached to Briquette Boiler Stack

Date & Time of Monitoring : 14/11/2025 at 12:10 Hours	Date of Sample Reciept: 14/11/2025
Date of Start of Analysis: 15/11/2025	Date of Completion of Analysis : 22/11/2025

Other References :

Ref:1	Nature of Sample:: Stack Emission Monitoring	Ref:2	Stack Temperature : 145 °C
Ref:3	Stack gas Velocity: 13.85 m/sec	Ref:4	Ambient Temperature : 33 °C
Ref:5	Relative Humidity : 45 %	Ref:6	Diameter of Stack : 2.4 Meter
Ref:7	Fuel Fired : Biomass	Ref:8	Stack Height : 31 meters
Ref:9	Flue gas Flow Rate: 150293.64 Nm3/hr	Ref:10	Duration of Sampling: 25 minutes
Ref:11	Monitoring Carried out by : PIWMPL Representative	Ref:12	General Environment Condition: Clear Sky
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	Sampling Equipment used: Stack Kit PIWMPL/LAB/INS/49
Ref:15	Calibration Date: 22/11/2024 Calibration Due Date: 22/11/2025		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Stack Emisssion Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter	mg/Nm^3	34.19	150	IS 11255 (Part 1) :1985
2	Oxides of Nitrogen as NO_x	mg/Nm^3	60.97	600	IS 11255 (Part 7) : 2005
3	Sulphur Dioxide as SO2	mg/Nm^3	43.88	300	IS 11255 (Part 2) : 1985
4	Carbon Monoxide as CO	mg/Nm^3	77.16	NM	PIWMPL/LAB/SOP/19, Issue No. 1, Issue Date: 21.07.2022

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S. Babyrani

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Pithampur Industrial Waste Management Private Limited
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CES ANALYTICAL AND RESEARCH SERVICES (I) PRIVATE LIMITED
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42, 48, Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

TEST REPORT

ULR No.: TC687225500000544F

Test Report No.: CES/20251231B08
Report Issue Date: 06.01.2026

1. Customer Details

a) Name & Address of the Customer : M/s Lupin Limited
Address: 198-202, New Industrial Area No. 02, Mandideep, District Raisen, (M.P.)

b) Name of Contact person: : Avinash Prasad
c) Contact No. : 9617770364
d) Work Order No.: : Agreement
e) Work Order Date: : 01.12.2025

2. Sample Details:

a) Sample Name : Briqquette Boiler Stack (16 Ton)
b) Sample Collected By : CES Representative
c) Sampling Procedure : IS : 11255
d) Diameter of stack in (m) : 2.4
e) Stack height from ground level (m) : 31
f) Duration of testing : 31.12.2025 to 06.01.2026
g) Date of Receipt : 31.12.2025
h) Date of Sampling : 30.12.2025
i) Fuel used : NA
j) Flue Gas Temp. (°C) : 110
k) Flue gas flow rate (Nm^3/hr) : NA
l) Velocity (m/sec) : 4.84

3. Environmental conditions

a) Wind speed (km/h) : 3
b) Ambient Temp. (°C) : 26
c) Atmospheric condition: : Clear weather conditions during the sampling
d) Wind direction: : South
e) Humidity (%) : 31

Sr. No.	Parameter	Unit	Test method	Requirement	Result
1	Total Particulate Matter (TPM)	mg/Nm^3	IS 11255- P- 1- 2003	150	60.00
2	Sulphur Dioxide (SO_2)	mg/Nm^3	IS 11255 P-2 – 2003	300	12.13
3	Oxide of Nitrogen (NO_x)	mg/Nm^3	CES/LAB/SOP /03	600	22.09
4	Carbon Mono Oxide as CO	mg/Nm^3	CES/LAB/SOP /03 (Digital Gas Analyzer)	-	48.00

Note: Limit as per Customer Consent

Reviewed By
Sonu Meena
Chemist

Authorized Signatory
(Chemical)

NEELAM UPADHYAY
TECHNICAL MANAGER

--------*End of Report*--------

Note:

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CES ANALYTICAL AND RESEARCH SERVICES (I) PRIVATE LIMITED
TC-6872
42, 48, Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

TEST REPORT

ULR No.: TC687226500000172F

Test Report No.: CES/20260124B01
Report Issue Date: 30.01.2026

1. Customer Details
   a) Name & Address of the Customer : M/s Lupin Limited, Address: 198-202, New Industrial Area No. 02, Mandideep, District Raisen, (M.P.)
   b) Name of Contact person: : Avinash Prasad
   c) Contact No. : 9617770364
   d) Work Order No.: : Agreement
   e) Work Order Date: : 01.12.2025
2. Sample Details:
   a) Sample Name : Briqquette Boiler Stack (16 Ton)
   b) Sample Collected By : CES Representative
   c) Sampling Procedure : IS ; 11255
   d) Diameter of stack in (m) : 2.4
   e) Stack height from ground level (m) : 31
   f) Duration of testing : 24.01.2026 to 30.01.2026
   g) Date of Receipt : 24.01.2026
   h) Date of Sampling : 24.01.2026
   i) Fuel used : NA
   j) Flue Gas Temp. (°C) : 100
   k) Flue gas flow rate (Nm^3/hr) : 59725.94
   l) Velocity (m/sec) : 4.78
3. Environmental conditions
   a) Wind speed (km/h) : 12
   b) Ambient Temp. (°C) : 25
   c) Atmospheric condition: : Clear weather conditions during the sampling
   d) Wind direction: : East North East
   e) Humidity (%) : 56

Sr. No.	Parameter	Unit	Test method	Requirement	Result
1	Total Particulate Matter (TPM)	mg/Nm^3	IS 11255- P- 1- 2003	150	58.60
2	Sulphur Dioxide (SO_2)	mg/Nm^3	IS 11255 P-2 – 2003	300	11.45
3	Oxide of Nitrogen (NO_x)	mg/Nm^3	CES/LAB/SOP /03	600	20.36
4	Carbon Mono Oxide as CO	mg/Nm^3	CES/LAB/SOP /03 (Digital Gas Analyzer)	-	46.00

Note: Limit as per Customer Consent

Reviewed By
Sonu Meena
Chemist

Authorised Signatory
(Chemical)
NEELAM UPADHYAY
TECHNICAL MANAGER

End of Report

Note:
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Tel. : 0755-4299319, 0755-4243510, CINU74999MP2020PTC052747
Email: cesanalytical@gmail.com, Website : www.cesanalytical.com

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CES ANALYTICAL AND RESEARCH SERVICES (I) PRIVATE LIMITED
TC-6872
42, 48, Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

TEST REPORT

ULR No.: TC687226500000089F

Test Report No.: CES/20260217B06
Report Issue Date: 23.02.2026

1. Customer Details

a) Name & Address of the Customer : M/s Lupin Limited
Address: 198-202, New Industrial Area No. 02, Mandideep, District Raisen, (M.P.)

b) Name of Contact person: : Avinash Prasad
c) Contact No. : 9617770364
d) Work Order No.: : Agreement
e) Work Order Date: : 01.12.2025

2. Sample Details:

a) Sample Name : Stack (Boiler Stack)
b) Sample Collected By : CES Representative
c) Sampling Procedure : IS : 11255
d) Diameter of stack in (m) : 2.0
e) Stack height from ground level (m) : 9.75
f) Duration of testing : 17.02.2026 to 20.02.2026
g) Date of Receipt : 17.02.2026
h) Date of Sampling : 16.02.2026
i) Fuel used : NA
j) Flue Gas Temp. (°C) : 120
k)Flue gas flow rate (Nm^3/hr) : 46777.51
l) Velocity (m/sec) : 5.68

3. Environmental conditions

a) Wind speed (km/h) : 9
b) Ambient Temp. (°C) : 31
c) Atmospheric condition: : Clear weather conditions during the sampling
d) Wind direction: : East South East
e) Humidity (%) : 22

Sr. No.	Parameter	Unit	Test method	Requirement	Result
1	Total Particulate Matter (TPM)	mg/Nm^3	IS 11255 P – 1 - 2003	150	58.68
2	Sulphur Dioxide (SO_2)	mg/Nm^3	IS 11255 P - 2 - 2003	-	13.48
3	Oxide of Nitrogen (NO_x)	mg/Nm^3	IS 11255 P - 7 - 2005	-	21.98
4	Carbon Mono Oxide as CO	mg/Nm^3	CES/LAB/SOP /03 (Digital Gas Analyzer)	-	53.44

Note: MPPCB standard for TPM as per consent to operate <150mg/NM^3

Reviewed By
Sonu Meena
Chemist

Authorized Signatory
(Chemical)

NEELAM UPADHYAY
TECHNICAL MANAGER

CES ANALYTICAL AND RESEARCH SERVICES (I) PVT. LTD. ★ BHOPAL

---------*End of Report*---------
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Boiler Stack Monitoring Reports FY 25-26

CES ANALYTICAL AND RESEARCH SERVICES (I) PRIVATE LIMITED

TC-6872

42, 48, Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

TEST REPORT

ULR No.: TC687226500000171F

Test Report No.: CES/20260316B07
Report Issue Date: 20.03.2026

1. Customer Details

a) Name & Address of the Customer : M/s Lupin Limited
Address: 198-202, New Industrial Area No. 02, Mandideep, District Raisen, (M.P.)

b) Name of Contact person: : Avinash Prasad
c) Contact No. : 9617770364
d) Work Order No.: : Agreement
e) Work Order Date: : 01.12.2025

2. Sample Details:

a) Sample Name : Boiler Stack (16 TPH)
b) Sample Collected By : CES Representative
c) Sampling Procedure : IS : 11255
d) Diameter of stack in (m) : NA
e) Stack height from ground level (m) : NA
f) Duration of testing : 16.03.2026 to 20.03.2026
g) Date of Receipt : 16.03.2026
h) Date of Sampling : 16.03.2026
i) Fuel used : NA
j) Flue Gas Temp. (°C) : 145
k)Flue gas flow rate (Nm^3/hr) : NA
l) Velocity (m/sec) : 6.39

3. Environmental conditions

a) Wind speed (km/h) : 13
b) Ambient Temp. (°C) : 36
c) Atmospheric condition: : Clear weather conditions during the sampling
d) Wind direction: : West North West
e) Humidity (%) : 17

Sr. No.	Parameter	Unit	Test method	Requirement	Result
1	Total Particulate Matter (TPM)	mg/Nm^3	IS 11255- P- 1- 2003	150	55.62
2	Sulphur Dioxide (SO_2)	mg/Nm^3	IS 11255 P-2 – 2003	300	83.44
3	Oxide of Nitrogen (NO_x)	mg/Nm^3	CES/LAB/SOP /03	600	176.10
4	Carbon Mono Oxide as CO	mg/Nm^3	CES/LAB/SOP /03 (Digital Gas Analyzer)		49.38

Note: Limit as per Customer Consent

Reviewed By
Sonu Meena
Chemist

Authorized Signatory
(Chemical)

NEELAM UPADHYAY
TECHNICAL MANAGER

--------*End of Report*--------

Note:

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Annexure - 7

HAZARDOUS WASTE DISPOSAL (APRIL'2025 TO MARCH'2026)

(Details as per Form-III)

Description		Permissible Qty. (MT)	Qty. Disposed (MT) FY 2025-26
Category No.	Hazardous Waste Name		To TSDF & Recyclers.
5.1	Used or Spent Oil	4	2.46
28.4	Off Specification Products	20	4.44
28.5	Date-expired products	15	3.06
33.1	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	200	21.88
35.3	Chemical sludge from waste water treatment	400	171.62
35.2	Spent ion exchange resin containing toxic metals	0.3	0.00
Total (MT)			203.46

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Annexure-8

LUPIN LIMITED, MANDIDEEP

PLANTATION DETAIL IN THE PREMISES

Sl.No.	Species of tree	Total Trees Available
1	Eucalyptus	1971
2	Australian Babool	1826
3	Casurina	738
4	Cassia Siamia	1371
5	Cassia Gulakka	312
6	Madhukamini	190
7	Kaner	2850
8	Silver Oak	565
9	Shisham	2590
10	Neem	542
11	Peepal	130
12	Rain Tree	200
13	Gulmohar	723
14	Arjun	1500
15	Ashok	571
16	Bottle Palm	200
17	Hicus/Ficus	155
18	Other Species (Karanji, Chaina Rose, Gondia Kuthai, Bamboo etc.)	5484
19	Outside Factory Premises (Karanji, Gulmohar, Kaner etc.)	9600
20	Satparni	131
21	Jamun	70
22	Spathodea	50
23	Tabebuia	20
24	Kadam	106
25	Mahogany	69
26	Kachnar	50
27	Jacaranda	65
28	Harra	50
29	Haldu	50
30	Baheda	54
31	Amaltas	14
32	Sagon	50
Total (NOS)		**32297**

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Annexure-9

LUPIN LIMITED, MANDIDEEP

REVENUE BUDGET ALLOCATION & ACTUAL EXPENCES INCURRED FOR THE FY 2025-26

(ENVIRONMENT)

Description	Allocation	Expences incurred
	Amount (Rs.Lacs)	Amount (Rs.Lacs)
Consumable	51.19	47.76
Repair & maintenance	120.57	80.36
Power	250.27	257.95
Steam	454.74	364.95
Water	0.98	0.84
Monitoring of Env. Parameters	5.00	4.30
Admin Charges	23.08	28.28
Green Belt	1.50	1.50
Waste handling & Disposal	170.80	154.93
Expenses towards assets	366.69	367.80
Total	**1444.82**	**1308.66**

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