O/C

LUPIN LIMITED
T-142,M.I.D.C. Tarapur via. - Boisar
Taluka & Dist. Palghar, Maharashtra - 401 506
Tel: +91-2525-243300,243600

LUPIN

LUPL/ENV/MPCB/2025-26/005 **Date: 29-Nov.-2025**

To
The Additional Director(s)
Ministry of Environment & Forests,
Regional Office, Western Region,
Kendriya Paryavaran Bhavan,
Link Road No. 3,
Bhopal-462016
Madhya Pradesh

01/12/25
उप प्रादेशिक कार्यालय तारापूर - I
महाराष्ट्र प्रदूषण नियंत्रण मंडळ,
एम.आय.डी.सी. कॉलनी परिसर, बोईसर,
ता. व जिल्हा - पालघर, पिन ४०१५०४.

Sub.: Submission of half – yearly EC compliance for the period April-2025 to September-2025.

Ref.: Environmental Clearance EC (Lupin)-2009/153/CR.167/TC.1 dated 16/11/2010

Dear Sir,

With reference to the above cited subject, please find the enclosed here with half yearly EC compliance report for the period of **April-2025 to September-2025** for Lupin Limited, Tarapur site.

Kindly acknowledge the receipt of the same.

Thanking you,

Yours faithfully,

For Lupin Limited

Authorized Signatory
CC:- SRO -I Tarapur

29/11/25

Your (Half Yearly Compliance Report) has been Submitted with following details

Proposal No	EC(Lupin)-2009/153/CR.167/TC.1
Compliance ID	128355551
Compliance Number(For Tracking)	EC/M/COMPLIANCE/128355551/2025
Reporting Year	2025
Reporting Period	01 Dec(01 Apr - 30 Sep)
Submission Date	29-11-2025
RO/SRO Name	Shri Senthil Kumar Sampath
RO/SRO Email	agmu156@ifs.nic.in
State	MAHARASHTRA
RO/SRO Office Address	Integrated Regional Offices, Nagpur

Note:- SMS and E-Mail has been sent to Shri Senthil Kumar Sampath, MAHARASHTRA with Notification to Project Proponent.

Compliance report of Env. Clearance No. EC (Lupin)-2009/153/ CR.167/TC.1, dated 16/11/2010
For the period of April 2025 to September 2025

Sr. No.	Condition	Compliance status
i.	This clearance is subject to conditions stipulated in MoEF office memorandum J-11013/5/2010-IA-II (I) dated 26th October 2010.	Noted
ii.	"Consent for Establishment" shall be obtained from Maharashtra Pollution Control department before start of any construction work at the site.	Obtained consent to Establish vide no. BO/RO-Thane/RO (P & P)/EIC/ TN/1866-09/E/CC-366, dated 05/10/2009 Consent to Operate including product mix is obtained vide no. - Format1.0/CAC/UAN No.MPCB-CONSENT-0000252129/CO /2510000539 date - 07/10/2025 valid up to 30/04/2029. Refer attached Annexure- I
iii.	No land development/construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.	Noted and followed
iv.	No additional land shall be used/acquired for any activity of the project without obtaining proper permission.	Noted
v.	For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.	Noted and followed wherever required.
vi.	Regular monitoring of the air quality, including SPM & SO2 levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.	Air quality monitoring is carried out by **MoEF** & CC approved party every month. The report of the same is submitted to the MPCB. Copy of monitoring reports from April-2025 to September-2025 are attached as Annexure-II

LUPIN LIMITED T-142 MIDC AREA TARAPUR

<table>
<tr><td>vii.</td><td>A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.</td><td>Our is API industry, therefore Rainwater harvesting is not preferred. However, we have provided rainwater harvesting & check dam around Tarapur site location details as below
<table>
<tr><th>Location</th><th>Total Capacity</th></tr>
<tr><td>Dhanivari, Dahanu, Dist- Palghar (16nos.Farm Ponds)</td><td>13323 m3</td></tr>
<tr><td>Nikane Dahanu, Dist- Palghar (03 nos. Fam Ponds)</td><td>2244 m3</td></tr>
<tr><td>Ranshet, Dahanu, Dist- Palghar (03 nos. Fam Ponds)</td><td>1092 m3</td></tr>
<tr><td>Sonale, Dahanu, Dist- Palghar (01 nos. Check Dam)</td><td>4435.2 m3</td></tr>
<tr><td>Jamshet, Dahanu,Dist- Palghar (01 nos. Check Dam)</td><td>1055.6 m3</td></tr>
<tr><td>Alewadi, Palghar, Dist- Palghar (01 nos. Check Dam)</td><td>675 m3</td></tr>
</table></td></tr>
<tr><td>Viii</td><td>Arrangement shall be made that wastewater and storm water do not get mixed.</td><td>Wastewater is collected through dedicated effluent carrying pipelines which does not get mixed with storm water drains.</td></tr>
<tr><td>ix.</td><td>Periodic monitoring of ground water shall be undertaken, and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.</td><td>No bore well is available at site and no groundwater is used inside the premises.</td></tr>
<tr><td></td><td>Leg of Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.</td><td>Noted and complied, we do noise monitoring regularly. Copy of the noise monitoring reports are attached as Annexure-III
Personal protective equipment such as earplugs/earmuffs are provided to the people working in high noise area.</td></tr>
<tr><td>xi.</td><td>The overall noise levels in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. On all sources of noise generations. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.</td><td>Acoustic enclosure has been provided for noise control wherever required. Ambient Noise levels are monitored every month.
High noise source like DG set have been provided with acoustic enclosure. All the measures have been taken to control noise, wherever required. Ambient noise level monitoring is being done by MoEF & CC approved third party.</td></tr>
</table>

LUPIN LIMITED T-142 MIDC AREA TARAPUR

		Copy of analysis reports from April--2025 to September-2025 are attached as Annexure-III
xii.	Green belt shall be developed & maintained around the plant periphery. Green Belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/Agriculture Dept.	Complied
xiii.	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.	Necessary safety systems including Gas detection systems are in place.
Xiv	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per factories Act.	Periodical health checkup is carried out and records are maintained.
Xv	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	Fire protection systems are in place and followed
Xvi	The project authorities must strictly comply with the rules & regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.	Complied.

LUPIN LIMITED T-142 MIDC AREA TARAPUR

Xvii	The company shall undertake following Waste Minimization Measures: • Metering of quantities of active ingredients to minimize waste. • Reuse of by-products from the process as raw materials or as raw material substitutes in other process. • Maximizing Recoveries. • Use of automated material transfer system to minimize spillage. • Use of "Closed Feed" system into batch reactors.	Waste minimization measures are being followed. Handling of the active ingredient material metering system has been provided. Solvent recovery is in placed & the recover solvent is used. Closed handling system provided for chemicals. Incinerable Hazardous waste is sending preprocessing.
Xviii	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes/ improvements required, if any, in the on-site management plan shall be ensured.	On site Emergency plan is in place and updated. Regular mock drills are being conducted. Last mock drill was conducted on 22/04/2025.
Xix	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Dedicated Environmental management department exists with qualified and trained staff.
Xx	Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.	Noted.
xxi	Separate silos will be provided for collecting and storing bottom ash and fly ash.	Noted.
xxii	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.	Noted and being followed
xxiii	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and	Complied.

	copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://envis.maharashtra.gov.in	
xxiv	Project Management should submit half yearly compliances reports in respect of the stipulated prier environment clearance terms and conditions in hard & soft copies to MPCB & this department, on 1st June & 1st December of each calendar year.	Noted and being followed. Last six-monthly EC compliance report for the October-2024 to March-2025 was submitted on 29/05/2025.
xxv	A copy of clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Noted. The clearance letter is available on website of the company.
xxvi	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their 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 SPCB. The criteria pollutant levels namely, SPM, RSPM, SO_2, NO_X (ambient levels as well as stack emissions) or critical sectorial parameters, indicated near the main gate of the company in the public domain.	Copies of monitoring reports are sent to MoEF & CC and MPCB. The status of EC condition is available on the company web site. The same is updated periodically.
xxvii	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC 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 SPCB.	Noted and followed. Last six-monthly EC compliance report for the period October-2024 to March-2025 was submitted on 29/05/2025.

LUPIN LIMITED T-142 MIDC AREA TARAPUR

xxviii	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State 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 EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Complied. Environmental statement for the FY 2024-25 was submitted on 25/09/2025.
xxix	The environmental clearance is being issued without prejudice to the court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision of the Honorable court will be binding on the project proponent. Hence, this clearance does not give immunity to the project proponent in the case filed against him.	Noted

LUPIN LIMITED T-142 MIDC AREA TARAPUR

ANNEXURE-I

(Copy of Consent to Operate)

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: http://mpcb.gov.in
Email: cac-cell@mpcb.gov.in

Kalpataru Point, 2nd, 3rd and 4th floor, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai-400022

RED/L.S.I (R58)/ Rev. RED/I.S./(123.1)
No:- Format1.0/CAC/UAN No.MPCB-CONSENT-0000252129/CO/2510000539

Date: 07/10/2025

To,
Lupin Limited, Tarapur
Survey No- 30/10 to 30/13 & 64/7, T-142,
MIDC Tarapur, Tal. & Dist. - Palghar.

LiFE Lifestyle for Environment
लोकसेवा हमारा कार्यव्रत Right to Public Service Act
Your Service is Our Duty

Sub: Consent to operate towards a new 8 TPH Agro-waste Boiler with amalgamation in existing consent, under RED category.

Ref:
1. Consent to Establish granted under vide No:- Format1.0/CAC/UAN No.0000219063/CE/2412000606 dated 09/12/2024
2. Environmental Clearance granted vide No. EC(Lupin)-2009/153/CR.167/TC.1 dated 16.11.2010 and amended on 04.01.2011
3. Minutes of 7th CAC meeting dated 25.08.2025.

Your application No.MPCB-CONSENT-0000252129 Dated 27.06.2025

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 and Rule 18(7) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to operate is granted for a period up to 30/04/2029**
2. **The capital investment of the project is Rs.1172.332 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 1,165.398 Crs. + Increase in C.I. – Rs. 6.934 Crs.)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
Products					
1	Rifa O Rifa S	60	-30	30	MT/A
2	Rifampicin	444	51	495	MT/A
3	Rifaximin	5	0	5	MT/A
4	Lovastatin	10	-2	8	MT/A
5	Simvastatin	42	-6	36	MT/A

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
6	Sertraline	72	-1	71	MT/A
7	Losartan potassium	58	-4.5	53.5	MT/A
8	Valsartan	1	-0.5	0.5	MT/A
9	Duloxetine	25	20	45	MT/A
10	Irbesartan	0.5	0	0.5	MT/A
11	Quetiapine Fumerate	80	-3	77	MT/A
12	Pyrazinamide	50	-41	9	MT/A
13	Levetiracetam	458.5	10.5	469	MT/A
14	Abacavir (Hydrochloride/ Sulphate)	8	-5	3	MT/A
15	Amlodipine Besilate	22	-4	18	MT/A
16	Escitalopram Oxalate	0.5	0	0.5	MT/A
17	Cysteamine Bitartrate	20	1	21	MT/A
18	Tolterodine Tartarate	0.03	0	0.03	MT/A
19	Celecoxib	18	-3	15	MT/A
20	Ethambutol	22	3	25	MT/A
21	Fenofibrate/Choline Fenofibrate	20	0	20	MT/A
22	Rifabutin	1	-0.5	0.5	MT/A
23	Zolpidem Tartarate	1.5	0	1.5	MT/A
24	Imipramine pamoate/Imipramine Hcl	0.5	0.05	0.55	MT/A
25	Lansoprazole	2.5	-1.5	1	MT/A
26	Rabeprazole	0.5	0	0.5	MT/A
27	Risperidone	1	-0.5	0.5	MT/A
28	Azythromycin	2	1.5	3.5	MT/A
29	Gatifloxacin	0.02	-0.01	0.01	MT/A
30	Ziprasidone	2	-1.5	0.5	MT/A
31	Desloratadine	1	0	1	MT/A
32	Memantine	1.5	0	1.5	MT/A
33	Eszopiclone	0.1	0	0.1	MT/A
34	Tenofovir	7.5	-1.5	6	MT/A
35	Emtricitabine	7.5	-1.5	6	MT/A
36	Ezetimibe	12	-4	8	MT/A
37	R & D batches	12	-5	7	MT/A
38	Ranolazine	1	0	1	MT/A
39	Armodafinil	0.8	-0.3	0.5	MT/A
40	Capreomycin Sulfate	1	-0.5	0.5	MT/A
41	Calcium L-5- Methyltetrahydrofolate	0.1	0	0.1	MT/A
42	Rifapentine	42	16	58	MT/A
43	Oseltamivir	3	0	3	MT/A

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
44	Sodium Rifamycin SV	4.5	0	4.5	MT/A
45	Dalbavancin Intermediate (A-40926)	0.2	-0.126	0.074	MT/A
46	Demeclocycline/DMCTC	0.5	1	1.5	MT/A
47	Tacrolimus	0.1	0	0.1	MT/A
48	Tolvaptan	0.075	-0.035	0.04	MT/A
49	Vortioxetine	0	0.4	0.4	MT/A

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	1007.6	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	95	As per Schedule-I	Recycle 100% to achieve ZLD

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1A	Boiler (8 TPH)	1	As per Schedule -II
2	S-2	Boilers (2 Nos) 12 TPH & 12 TPH	1	As per Schedule -II
3	S-3	Boiler 10 TPH	1	As per Schedule -II
4	S-4 to S-12	DG Set-(2*2.5 MW, 4*1.2 MW, 3*1.6 MW)	9	As per Schedule -II
5	S-13 & S-14	Power Generator- 2*2.5 MW	2	As per Schedule -II
6	S-15 to S-38	Process Vents (24)	24	As per Schedule -II
7	S-39 to S-41	Process Vents (03)	03	As per Schedule -II
8	S-42	Boiler (2 Nos. X 8 TPH)	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Canteen Waste	500	Kg/Day	NA	Piggeries/ In house or External compositing
2	Mycelia Waste	18.1	MT/Day	Composting	Sale to authorized Party

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
3	Bio sludge (ETP)	5.82	MT/Day	Composting/ Coprocessing/ Preprocessing	Used as manure or Sale to authorized party or CHWTSDF/ Co-Processor through MPCB/CPCB authorized Preprocessor /Coprocessor
4	Glass Bottles, Broken Glass, Crushed Glass, etc	1	MT/Day	NA	sale to authorized party/recycler
5	Briquette Ash	21.5	MT/Day	NA	Sale to Brick Manufacturer/ Landfill/ Use as manure
6	Metallic scrap (MS/SS/GI/AL etc)	4	MT/Day	NA	Sale to authorized party
7	Paper, fiber, cotton, wooden , Packaging materials Waste & other materials etc	1	MT/Day	NA	Sale to authorized party

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	28.1 Process Residue and wastes	9.21	MT/A	Incineration / Recycle/Preprocessing/ Coprocessing	(D2 1Butanol (D2AB)) Sale to authorized party Coprocessor through MPCB/CPCB Authorized Preprocessor/CHWTSDF
2	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	4320	MT/A	Incineration / Recycle/ Preprocessing/ Coprocessing	(PPE/Cartridge Filter/Liner Bags) Sale to authorized party after decontamination / Coprocess troughh MPCB/CPCB Authorized Preprocessor /CHWTSDF
3	34.1 Chemical-containing residue arising from decontamination.	180	MT/A	Incineration/ Preprocessing/ Coprocessing	Coprocessor through MPCB/CPCB Authorized Preprocessor /CHWTSDF
4	28.1 Process Residue and wastes	227.77	MT/A	Incineration / Recycle/Preprocessing/ Coprocessing	(Trans sertraline) Sale to authorized party Coprocessor through MPCB/CPCB Authorized Preprocessor / CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
5	28.1 Process Residue and wastes	1.11	MT/A	Incineration / Recycle/Preprocessing/ Coprocessing	(2Amino 4 Methyl pyridine) Sale to authorized party Coprocessor through MPCB/CPCB Authorized Preprocessor /CHWTSDF
6	28.4 Off specification products	720	MT/A	Incineration / Preprocessing/ Coprocessing	Coprocessor through MPCB/CPCB Authorized Preprocessor / CHWTSDF
7	28.1 Process Residue and wastes	2167.63	MT/A	Incineration / Recycle/Preprocessing/ Coprocessing/Landfill	(Potassium chloride KCl) Sale to authorized party Coprocessor through MPCB/CPCB Authorized Preprocessor/CHWTSDF
8	28.5 Date-expired products	720	MT/A	Incineration / Preprocessing/ Coprocessing	Coprocessor through MPCB/CPCB Authorized Preprocessor /CHWTSDF
9	37.3 Concentration or evaporation residues	4140	MT/A	Landfill	CHWTSDF (On dry Basis)
10	28.1 Process Residue and wastes	40.65	MT/A	Landfill / Incineration/ Preprocessing/ Coprocessing	Coprocessor through MPCB/CPCB Authorized Preprocessor /CHWTSDF
11	28.1 Process Residue and wastes	33.52	MT/A	Incineration / Recycle/Preprocessing/ Coprocessing	Dimethyl Butanic Acid sale to authorised party Co processor through MPCB/CPCB authorised preprocessor/ CHWTSDF
12	28.3 Spent carbon	230.89	MT/A	Incineration/Preprocessing/ Coprocessing	Coprocessor through MPCB/CPCB Authorized Preprocessor /CHWTSDF
13	28.1 Process Residue and wastes	26.71	MT/A	Incineration / Recycle/Preprocessing/ Coprocessing	(Immidazole Hydrochloride) Sale to authorized party Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF
14	5.2 Wastes or residues containing oil	7.2	MT/A	Incineration / Recycle	Sale to authorized party / CHWTSDF/ reprocessor
15	36.1 Any process or distillation residue	725.34	MT/A	Incineration/ Preprocessing/ Coprocessing	Coprocessor through MPCB/CPCB Authorized Preprocessor /CHWTSDF
16	28.6 Spent organic solvents	161.56	MT/A	Incineration/Recycle (spent Mother Liquor onsite recovery & Reuse)/Preprocessing/ Coprocessing	(Recovered IPA) Sale to authorized party /Coprocessor through MPCB/CPCB Authorized Preprocessor / CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
17	28.2 Spent catalyst	12.78	MT/A	Incineration / Recycle	Sale to authorized party / Coprocessor through MPCB/CPCB Authorized Preprocessor /CHWTSDF/ Back to Manufacture for Recycle
18	28.6 Spent organic solvents	85509.07	MT/A	Incineration / Recycle/ Preprocessing / Coprocessing/Onsite or Offsite recovery	Sale to authorized party / Coprocessor through MPCB/CPCB Authorized Preprocessor /CHWTSDF/onsite Recovery
19	5.1 Used or spent oil	10.8	MT/A	Incineration/ Recycle	Sale to authorized party / CHWTSDF/ reprocessors
20	28.1 Process Residue and wastes	0.84	MT/A	Incineration / Recycle/Preprocessing/ Coprocessing	(Di iso propyl Ethyl Amine) Sale to authorized party Coprocessor through MPCB/ CPCB Authorized Preprocess/ CHWTSDF
21	28.1 Process Residue and wastes	96.86	MT/A	Incineration / Recycle/Preprocessing/ Coprocessing	(Piperazine di acetate) Sale to authorized party Coprocessor through MPCB/CPCB Authorized Preprocess/CHWTSDF
22	Insulation Waste, discarded PPE, Apron, Shoe cover	365	MT/A	Incineration / Preprocessing/ Coprocessing	Co-process through MPCB/CPCB authorized Pre-Processor/CHWTSDF
23	28.1 Process Residue and wastes	90.40	MT/A	Incineration / Recycle/Preprocessing/ Coprocessing	(R-R Mandelate salt) Sale to authorized party Coprocessor through MPCB/CPCB Authorized Preprocessor /CHWTSDF
24	28.1 Process Residue and wastes	37.48	MT/A	Incineration / Recycle/Preprocessing/ Coprocessing	(Mendalic Acid) Sale to authorized party Coprocessor through MPCB/CPCB Authorized Preprocessor /CHWTSDF
25	28.1 Process Residue and wastes	0.67	MT/A	Incineration / Recycle/Preprocessing/ Coprocessing	(Tributyl tin chloride) Sale to authorized party Coprocessor through MPCB/CPCB Authorized Preprocess /CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
26	28.1 Process Residue and wastes	70.08	MT/A	Incineration / Recycle/Preprocessing/ Coprocessing	(Tri Ethyl Amine) Sale to authorized party Coprocessor through MPCB/CPCB Authorized Preprocessor /CHWTSDF

Hazardous waste from Sr. No. 1,4,5,7,11,13,16,20,21,23,24,25,26 in the above table are on active basis & are recovered from streams generated from manufacturing process and Sale to authorized party having permission under Rule 9 of H & OW Rule 2016.

8. **Conditions under Plastic Waste Management Rules, 2016 (Notification dtd. 18/03/2016):**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	PVC & Plastic waste/HDPE etc	2.00	MT/Day	Sale to authorized recycler.

9. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
10. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
11. This consent is issued with overriding effect on earlier Consent to operate granted under vide No:- Format1.0/CAC/UAN No. MPCB-CONSENT-0000238300/CO/2507001485 dated 11.07.2025.
12. This consent is issued pursuant to the decision of the 7th Consent Appraisal Committee Meeting held on 25/08/2025.
13. The applicant shall comply with the conditions of the Environmental Clearance granted vide No. EC(Lupin)-2009/153/CR.167/TC.1 dated 16.11.2010 and amended on 04.01.2011.
14. Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server .
15. The applicant shall make an application for renewal of consent 120 days prior to date of expiry of the consent. (Operate/Renewal)
16. Industry shall comply with all the conditions stipulated in Environmental Clearance and ensure display/upload of six-monthly compliance monitoring report on their official website.
17. Industry shall ensure connectivity of OCEMS data to Board server.
18. Industry shall comply with the mechanism for Environmental management prepared by Central Pollution Control Board for CEPI listed areas, as industry falls under Severely Polluted Area (SPA) of CEPI.
19. Industry shall achieve TPM-50 mg/NM3 being the unit is in CEPI area as per MPC Board policy and accordingly consent shall be amended for the stringent standards.
20. Industry shall ensure disposal of Hazardous Waste to the actual user having permission under Rule 9 of Hazardous and other Waste (M & TM) Rules, 2016.

21. The industry shall create an Environment Cell by appointing an Environmental Engineer OR Expert for looking after day-to-day activities related to Environment OR Pollution control.

This consent is issued on the basis of information/documents submitted by the Applicant/Project Proponent, if it has been observed that the information submitted by the Applicant/Project Proponent is false, misleading or fraudulent, the Board reserves its right to revoke the consent & further legal action will be initiated against the Applicant/Project Proponent.

e3574c30
eb9e6455
0ea85858
3e7a2d5d
3fbbd361
5785c5ea
a86dc705
83683a7e

Signed by: Dr. Avinash Dhakne
Member Secretary
For and on behalf of,
Maharashtra Pollution Control Board
ms@mpcb.gov.in
2025-10-07 18:01:07 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	2000.00	TXN2507003865	17/07/2025	Online Payment
2	100000.00	MPCB-DR-36582	15/09/2025	RTGS

Balance amount of Rs. 2000 will be considered at the time of next renewal of consent.

Copy to:

1. Regional Officer, MPCB, Thane and Sub-Regional Officer, MPCB, Tarapur I
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB,Sion, Mumbai
3. CC-CAC updating.

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] As per your application, you have provided full-fledged Effluent Treatment Plant (ETP) of capacity 1200 CMD followed by Reverse Osmosis having capacity 1307 CMD and MEE of 360 CMD capacity followed by ATFD 35 CMD capacity for the treatment 1102.6 CMD effluent (Industrial effluent-1007.6 CMD + Domestic effluent-95 CMD). Treated effluent is 100% recycled into the process, cooling tower & for utility purposes so as to achieve Zero Liquid Discharge (ZLD).

   B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing with metering system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.

   C] The Industry shall ensure connectivity online monitoring system to the MPCB server including separate energy meter for pollution control system.

2. A] As per your application, the domestic effluent is mixed with trade effluent before secondary treatment for further treatment in Effluent Treatment Plant.

   B] Industry shall comply prescribed standards & disposal path as prescribed at Sr. No. 1B of schedule I.

3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.

4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	*Purpose for water consumed*	*Water consumption quantity (CMD)*
1.	Industrial Cooling, spraying in mine pits or boiler feed	1100.00
2.	Domestic purpose	120.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	876.17
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	150

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1(A)	Boiler (8 TPH)	ESP Stack	30.50	Briquette 1574 MT/M	-	TPM	50 Mg/Nm^3
S-2	Boilers (2 Nos) (2 x12 TPH)	Common Stack	31.00	Natural Gas 1832 SCM/Hr	-	TPM	50 Mg/Nm^3
						NOx	50 Mg/Nm^3
				LSHS 976 Kg/Hr	1	SO2	234.17 Kg/Day
S-3	Boiler (10 TPH)	Stack	45.00	Natural Gas 763 SCM/Hr	-	TPM	50 Mg/Nm^3
						NOx	50 Mg/Nm^3
				LSHS 407 Kg/Hr	1	SO2	195.30 Kg/Day
S-4 to S-12	DG Set-(2*2.5 MW, 4*1.2 MW, 3*1.6 MW)	Acoustic Enclosure Stack	30.00	HSD 157 MT/M	1	TPM	50 Mg/Nm^3
						SO2	105 Kg/Day
S-13 & S-14	Power Generator-2*2.5 MW	Stack	48.00	HSD 414 MT/M	1	TPM	50 Mg/Nm^3
						SO2	276 Kg/Day
S-15 to S-38	Process Vents (24 Nos)	Scrubber	5.00	-	-	Acid Mist	35 Mg/Nm^3
						HCL	35 Mg/Nm^3
						SO2 (process)	50 PPM
						Ammonia	50 Mg/Nm^3

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-39 to S-41	Process Vents (03)	Scrubber	5.00	-	-	Acid Mist	35 Mg/Nm^3
						HCL	35 Mg/Nm^3
						SO2 (process)	50 PPM
						Ammonia	50 Mg/Nm^3
S-42	Boiler (2 Nos. X 8 TPH)	ESP Stack	35.00	Briquette 1903 MT/M	-	TPM	50 Mg/Nm^3

For Boiler overall fuel consumptions of LSHS quantity shall not exceeds 937 MT/M or natural Gas quantity shall not exceed 2595 SCM/H.

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Parameters	Standards (unit)	
Total Particulate Matter	Not to exceed	50 mg/ Nm3

4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

SCHEDULE-III
Details of Bank Guarantees:

Sr. No.	Consent (C2E/ C2O /C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to O	2500000	Existing	Towards O & M of pollution control systems and compliance of consent conditions.	30.04.2029	30.04.2030
2	C to R	500000	Existing	Towards achieving ZLD	30.04.2029	30.04.2030

If the above Bank Guarantee is not submitted within stipulated period, then 12% interest will be levied as a penalty as per circular dtd 29/02/2024 No. BO/MPCB/AS(T)/Circular/B-240229FTS0122

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV
General Conditions:

1. The waste generator shall.-
   a) take steps to minimize generation of plastic waste and segregate plastic waste at source in accordance with the Plastic Waste Management Rules, 2016 or as amended from time to time.
   b) not litter the plastic waste and ensure segregated storage of waste at source and handover segregated waste to urban local body or gram panchayat or agencies appointed by them or registered waste pickers', registered recyclers or waste collection agencies;
2. All institutional generators of plastic waste, shall segregate and store the waste generated by them in accordance with the Plastic Waste Management Rules, 2016 amendment from time to time and handover segregated wastes to authorized waste processing or disposal facilities or deposition centers either on its own or through the authorized waste collection agency.
3. All waste generators shall pay such user fee or charge as may be specified in the byelaws of the local bodies for plastic waste management such as waste collection or operation of the facility thereof, etc.;
4. Every person responsible for organizing an event in open space, which involves service of food stuff in plastic or multilayered packaging shall segregate and manage the waste generated during such events in accordance with the Plastic Waste Management Rules, 2016 amendment from time to time.
5. The Energy source for lighting purpose shall preferably be LED based
6. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
7. Conditions for D.G. Set
   a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
   b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
   c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.

d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.

e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.

f) D.G. Set shall be operated only in case of power failure.

g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.

h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.

8. The applicant shall maintain good housekeeping.
9. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
10. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
11. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding upon you.
12. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
13. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
14. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
15. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
16. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
17. You shall operate OCEMS installed for source emission round 'O' clock and transmit data online to CPCB and MPCB server. You shall also monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
18. You shall ensure collection, and segregation of BMW regularly to treat and dispose Off within 48 hrs from generation.
19. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
20. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.

21. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
22. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
23. You shall not Rent, Lend, Sell, Transfer or Close Down the facility or otherwise transport the Bio Medical waste for any other purpose without obtaining prior written permission of the MPC Board.
24. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
25. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
26. The industry should not cause any nuisance in surrounding area.
27. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
28. You shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the facility premises.
29. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
30. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto
31. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
32. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
33. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.

34. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
35. You should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
36. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
37. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
38. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
39. You shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
40. You shall create the Environmental Cell by appointing an Environmental Engineer and Chemist for looking after day-to-day activities related to compliance of CCA.
41. You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 , Bio Medical Waste Management Rules,2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year

This certificate is digitally & electronically signed.

ANNEXURE-2

(Analysis Report of Air Quality)

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**
Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel:9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787

TC-7085

Test Report
(Ambient Air)

Ref. No.: AESPL/LAB/C/ A-25/04/61 **Issue Date:** 24/04/2025

Name of Customer	:	M/s. Lupin Limited, Tarapur, T-142, MIDC Industrial Area, District Palghar, Tarapur 401506			
Name of Site	:	Lupin Tarapur			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of Sample	:	Ambient Air			
Location of Sampling	:	Near DG Area			
Date of Sampling	:	14/04/2025-15/04/2025			
Sampling Time	:	10:00 to 10:00 hr.	**Duration**	:	24 Hr.
Sample Drawn By	:	Goldfinch	**Transported By**	:	Goldfinch
Date of Sample	:	15/04/2025	**Sample Identification**	:	GFL/AA/25/04-12
Sample Quantity & Container	:	SO_2:1 Bottle; NO_2:1 Bottle; PM_{10}-1; $PM_{2.5}$-1; O_3: 1 Bottle & NH_3:1 Bottle; Bladder:1; Charcoal Tube:1			
Date of Sample	:	15/04/2025 to 24/04/2025			
Sampling Environmental Conditions	:	Temperature:28-33°C; Rain fall: No; P_{out}: 754 mmHg.			
Transportation Condition	:	Bottles < 5°C	Filter papers in plastic		Bladder, charcoal tube at ambient temp.
Sampling Equipment	:	GOLDFINCH/INST-HVS/03, GOLDFINCH/INST-ADS/77			
Calibration Status	:	Calibration on 03.12.2024 due on 03.12.2025			
Project/ Job number	:	SO Number: 3100280632 dated 19.07.2023			
Reference of Sampling	:	QF/LA/01B- 31.03.2025			
Method of Sampling & Preservation	:	QD/LA/13			
Environmental Condition while	:	Ambient Temperature: 27°C and Humidity: 40%			

Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO_2	10.34	80 *	µg/m³	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO_2	12	80 *	µg/m³	IS 5182 (Part 6) RA2022
3.	PM_{10}	67.91	100 *	µg/m³	IS 5182 (Part 23) RA2022
4.	$PM_{2.5}$	29.34	60 *	µg/m³	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	<1.0	04 **	mg/m³	IS 5182 (part 11) RA2019
6.	Ozone as O_3	16.9	180 **	µg/m³	IS 5182 (part 9) RA2019
7.	Ammonia as NH_3	31.5	400 *	µg/m³	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m³	IS 5182 (part 12) 2004
9.	Benzene as C_6H_6	<0.2	05 ***	µg/m³	IS 5182 (part 11) RA2022

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.
Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009.
Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only.

Himani P. Joshi.
(Report Reviewed By)

ADITYA ENVIRONMENTAL SERVICES PVT. LTD. RASAYANI

Reshma S. Patil.
(Authorized Signatory)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**
Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2025
Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [illegible]
Tel:9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787

Test Report
(Ambient Air)

Ref. No.: AESPL/LAB/C/ A-25/04/61A **Issue Date:** 24/04/2025

Name of Customer	:	M/s. Lupin Limited, Tarapur, T-142, MIDC Industrial Area, District Palghar, Tarapur 401506 Maharashtra			
Name of Site	:	Lupin Tarapur			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of Sample	:	Ambient Air			
Location of Sampling	:	Near DG Area			
Date of Sampling	:	14/04/2025-15/04/2025			
Sampling Time	:	10:00 to 10:00 hr.	**Duration**	:	24 Hr.
Sample Drawn By	:	Goldfinch	**Transported By**	:	Goldfinch
Date of Sample Receipt	:	15/04/2025	**Sample Identification**	:	GFL/AA/25/03-58
Sample Quantity & Container	:	PM_{10}-1			
Date of Sample Analysis	:	15/04/2025 to 24/04/2025			
Sampling Environmental Conditions	:	Temperature:28-33°C; Rain fall: No; P_{bar}: 754 mmHg.			
Transportation Condition	:	Bottles < 5°C	Filter papers in plastic container		Bladder, charcoal tube at ambient temp.
Sampling Equipment	:	GOLDFINCH/INST-HVS/03, GOLDFINCH/INST-ADS/77			
Calibration Status	:	Calibration on 03.12.2024 due on 03.12.2025			
Project/ Job number	:	SO Number: 3100280632 dated 19.07.2023			
Reference of Sampling	:	QF/LA/01B- 31.03.2025			
Method of Sampling & Preservation	:	QD/LA/13			
Environmental Condition while Testing	:	Ambient Temperature: 27°C and Humidity: 40%			

Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
10.	Lead as Pb	< 0.5	1.0 *	µg/m³	APHA Air method 822-3rdEd
11.	Nickel as Ni	< 5.0	20 ***	ng/m³	APHA Air method 822-3rdEd
12.	Arsenic as As	< 5.0	06***	ng/m³	APHA Air method 302-3rdEd

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.
Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009.
Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only.

Himani
Himani P. Joshi.
(Report Reviewed By)

ADITYA ENVIRONMENTAL SERVICES PVT. LTD. RASAYANI

RSpatil
Reshma S. Patil.
(Authorized Signatory)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**
Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2025
Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pclab@aespl.co.in
Tel:9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787
TC-7085

Test Report
(Ambient Air)

Ref. No.: AESPL/LAB/C/ A-25/04/62 **Issue Date:** 21/04/2025

Name of Customer	:	M/s. Lupin Limited, Tarapur, T-142, MIDC Industrial Area, District Palghar, Tarapur 401506			
Name of Site	:	Lupin Tarapur			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of Sample	:	Ambient Air			
Location of Sampling	:	Near ETP plant			
Date of Sampling	:	10/04/2025-11/04/2025			
Sampling Time	:	10:00 to 10:00 hr.	**Duration**	:	24 Hr.
Sample Drawn By	:	Goldfinch	**Transported By**	:	Goldfinch
Date of Sample Receipt	:	12/04/2025	**Sample Identification**	:	GFL/AA/25/04-11
Sample Quantity & Container	:	SO_2:1 Bottle; NO_2:1 Bottle; PM_{10}-1; $PM_{2.5}$-1; O_3: 1 Bottle & NH_3:1 Bottle; Bladder:1; Charcoal Tube:1			
Date of Sample Analysis	:	12/04/2025 to 20/04/2025			
Sampling Environmental Conditions	:	Temperature:28-33°C; Rain fall: No; P_{bar}: 756 mmHg.			
Transportation Condition	:	Bottles < 5°C	Filter papers in plastic container		Bladder, charcoal tube at ambient temp.
Sampling Equipment	:	GOLDFINCH/INST-HVS/03, GOLDFINCH/INST-ADS/77			
Calibration Status	:	Calibration on 03.12.2024 due on 03.12.2025			
Project/ Job number	:	SO Number: 3100280632 dated 19.07.2023			
Reference of Sampling	:	QF/LA/01B- 28.02.2025			
Method of Sampling & Preservation	:	QD/LA/13			
Environmental Condition while Testing	:	Ambient Temperature: 27°C and Humidity: 40%			

Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO_2	14.07	80 *	µg/m³	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO_2	14.94	80 *	µg/m³	IS 5182 (Part 6) RA2022
3.	PM_{10}	72.04	100 *	µg/m³	IS 5182 (Part 23) RA2022
4.	$PM_{2.5}$	36.38	60 *	µg/m³	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	<1.0	04 **	mg/m³	IS 5182 (part 11) RA2019
6.	Ozone as O_3	18.6	180 **	µg/m³	IS 5182 (part 9) RA2019
7.	Ammonia as NH_3	242	400 *	µg/m³	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m³	IS 5182 (part 12) 2004
9.	Benzene as C_6H_6	<0.2	05 ***	µg/m³	IS 5182 (part 11) RA2022

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009.

Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only.

ADITYA ENVIRONMENTAL SERVICES PVT. LTD. RASAYANI

Himani P. Joshi.
(Report Reviewed By)

Reshma S. Patil.
(Authorized Signatory)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**
Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2025
Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [redacted]
Tel:9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787

Test Report
(Ambient Air)

Ref. No.: AESPL/LAB/C/ A-25/04/62A **Issue Date:** 21/04/2025

Name of Customer	:	M/s. Lupin Limited, Tarapur, T-142, MIDC Industrial Area, District Palghar, Tarapur 401506 Maharashtra			
Name of Site	:	Lupin Tarapur			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of Sample	:	Ambient Air			
Location of Sampling	:	Near ETP Plant			
Date of Sampling	:	10/04/2025-11/04/2025			
Sampling Time	:	10:00 to 10:00 hr.	**Duration**	:	24 Hr.
Sample Drawn By	:	Goldfinch	**Transported By**	:	Goldfinch
Date of Sample Receipt	:	12/04/2025	**Sample Identification**	:	GFL/AA/25/04-11
Sample Quantity & Container	:	PM_{10}-1			
Date of Sample Analysis	:	12/04/2025 to 20/04/2025			
Sampling Environmental Conditions	:	Temperature:28-33°C; Rain fall: No; P_{bar}: 754 mmHg.			
Transportation Condition	:	Bottles < 5°C	Filter papers in plastic container		Bladder, charcoal tube at ambient temp.
Sampling Equipment	:	GOLDFINCH/INST-HVS/03, GOLDFINCH/INST-ADS/77			
Calibration Status	:	Calibration on 03.12.2024 due on 03.12.2025			
Project/ Job number	:	SO Number: 3100280632 dated 19.07.2023			
Reference of Sampling	:	QF/LA/01B- 28.02.2025			
Method of Sampling & Preservation	:	QD/LA/13			
Environmental Condition while Testing	:	Ambient Temperature: 27°C and Humidity: 40%			

Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
10.	Lead as Pb	< 0.5	1.0 *	µg/m³	APHA Air method 822-3rdEd
11.	Nickel as Ni	< 5.0	20 ***	ng/m³	APHA Air method 822-3rdEd
12.	Arsenic as As	< 5.0	06***	ng/m³	APHA Air method 302-3rdEd

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.
Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009.

Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only.

ADITYA ENVIRONMENTAL SERVICES PVT. LTD. RASAYANI

Himani P. Joshi.
(Report Reviewed By)

Reshma S. Patil.
(Authorized Signatory)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**
Recognized by **MoEFCC as "Environmental Laboratory"** valid up to 24.04.2025
Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel:9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787
TC-7085

Test Report
(Ambient Air)

Ref. No.: AESPL/LAB/C/ A-25 /04/63 **Issue Date:** 20/04/2025

Name of Customer	:	M/s. Lupin Limited, Tarapur, T-142, MIDC Industrial Area, District Palghar, Tarapur 401506			
Name of Site	:	Lupin Tarapur			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of Sample	:	Ambient Air			
Location of Sampling	:	Near main gate			
Date of Sampling	:	09/04/2025-10/04/2025			
Sampling Time	:	10:00 to 10:00 hr.	**Duration**	:	24 Hr.
Sample Drawn By	:	Goldfinch	**Transported By**	:	Goldfinch
Date of Sample Receipt	:	10/04/2025	**Sample Identification**	:	GFL/AA/25/04-10
Sample Quantity & Container	:	SO_2:1 Bottle; NO_2:1 Bottle; PM_{10}-1; $PM_{2.5}$-1; O_3: 1 Bottle & NH_3:1 Bottle; Bladder:1; Charcoal Tube:1			
Date of Sample Analysis	:	10/04/2025 to 18/04/2025			
Sampling Environmental Conditions	:	Temperature:28-33°C; Rain fall: No; P_{bar}: 756 mmHg.			
Transportation Condition	:	Bottles < 5°C	Filter papers in plastic container		Bladder, charcoal tube at ambient temp.
Sampling Equipment	:	GOLDFINCH/INST-HVS/03, GOLDFINCH/INST-ADS/77			
Calibration Status	:	Calibration on 03.12.2024 due on 03.12.2025			
Project/ Job number	:	SO Number: 3100280632 dated 19.07.2023			
Reference of Sampling	:	QF/LA/01B- 31.03.2025			
Method of Sampling & Preservation	:	QD/LA/13			
Environmental Condition while Testing	:	Ambient Temperature: 27°C and Humidity: 40%			

Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO_2	22.06	80 *	µg/m³	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO_2	15.66	80 *	µg/m³	IS 5182 (Part 6) RA2022
3.	PM_{10}	74.19	100 *	µg/m³	IS 5182 (Part 23) RA2022
4.	$PM_{2.5}$	36.29	60 *	µg/m³	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	<1.0	04 **	mg/m³	IS 5182 (part 11) RA2019
6.	Ozone as O_3	18.0	180 **	µg/m³	IS 5182 (part 9) RA2019
7.	Ammonia as NH_3	56.5	400 *	µg/m³	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m³	IS 5182 (part 12) 2004
9.	Benzene as C_6H_6	<0.2	05 ***	µg/m³	IS 5182 (part 11) RA2022

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.
Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009.
Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only.

Himani
Himani P. Joshi.
(Report Reviewed By)

ADITYA ENVIRONMENTAL SERVICES PVT. LTD. RASAYANI

Rspatil
Reshma S. Patil.
(Authorized Signatory)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**
Recognized by **MoEFCC as "Environmental Laboratory"** valid up to 24.04.2025
Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [redacted]
Tel:9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787

Test Report
(Ambient Air)

Ref. No.: AESPL/LAB/C/ A-25/04/63A **Issue Date:** 20/04/2025

Name of Customer	:	M/s. Lupin Limited, Tarapur, T-142, MIDC Industrial Area, District Palghar, Tarapur 401506 Maharashtra				
Name of Site	:	Lupin Tarapur				
Discipline & Group	:	Chemical: Atmospheric Pollution				
Description of Sample	:	Ambient Air				
Location of Sampling	:	Near Main Gate				
Date of Sampling	:	09/04/2025-10/04/2025				
Sampling Time	:	10:00 to 10:00 hr.	**Duration**	:	24 Hr.	
Sample Drawn By	:	Goldfinch	**Transported By**	:	Goldfinch	
Date of Sample Receipt	:	10/04/2025	**Sample Identification**	:	GFL/AA/25/04-10	
Sample Quantity & Container	:	PM_{10}-1				
Date of Sample Analysis	:	10/04/2025 to 18/04/2025				
Sampling Environmental Conditions	:	Temperature:28-33°C; Rain fall: No; P_{bar}: 754 mmHg.				
Transportation Condition	:	Bottles < 5°C	Filter papers in plastic container		Bladder, charcoal tube at ambient temp.	
Sampling Equipment	:	GOLDFINCH/INST-HVS/03, GOLDFINCH/INST-ADS/77				
Calibration Status	:	Calibration on 03.12.2024 due on 03.12.2025				
Project/ Job number	:	SO Number: 3100280632 dated 19.07.2023				
Reference of Sampling	:	QF/LA/01B- 31.03.2025				
Method of Sampling & Preservation	:	QD/LA/13				
Environmental Condition while Testing	:	Ambient Temperature: 27°C and Humidity: 40%				

Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
10.	Lead as Pb	< 0.5	1.0 *	µg/m³	APHA Air method 822-3rdEd
11.	Nickel as Ni	12.3	20 ***	ng/m³	APHA Air method 822-3rdEd
12.	Arsenic as As	< 5.0	06***	ng/m³	APHA Air method 302-3rdEd

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.
Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009.
Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only.

Himani

Himani P. Joshi.
(Report Reviewed By)

ADITYA ENVIRONMENTAL SERVICES PVT. LTD. RASAYANI

Reshma

Reshma S. Patil.
(Authorized Signatory)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**
Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2027
Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel:9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787
TC-7085

Test Report
(Ambient Air)

Ref. No.: AESPL/LAB/C/ A-25/05/65 **Issue Date:** 22/05/2025

Name of Customer	:	M/s. Lupin Limited, Tarapur, T-142, MIDC Industrial Area, District Palghar, Tarapur 401506			
Name of Site	:	Lupin Tarapur			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of Sample	:	Ambient Air			
Location of Sampling	:	Near DG room			
Date of Sampling	:	07/05/2025-08/05/2025			
Sampling Time	:	14:00 to 14:00 hr.	**Duration**	:	24 Hr.
Sample Drawn By	:	Goldfinch	**Transported By**	:	Goldfinch
Date of Sample Receipt	:	14/05/2025	**Sample Identification**	:	GFL/AA/25/05-101
Sample Quantity & Container	:	SO_2:1 Bottle; NO_2:1 Bottle; PM_{10}-1; $PM_{2.5}$-1; O_3: 1 Bottle & NH_3:1 Bottle; Bladder:1; Charcoal Tube:1			
Date of Sample Analysis	:	15/05/2025 to 21/05/2025			
Sampling Environmental Conditions	:	Temperature:28-33°C; Rain fall: No; P_{bar}: 756 mmHg.			
Transportation Condition	:	Bottles < 5°C	Filter papers in plastic container		Bladder, charcoal tube at ambient temp.
Sampling Equipment	:	GOLDFINCH/INST-HVS/03, GOLDFINCH/INST-ADS/77			
Calibration Status	:	Calibration on 03.12.2024 due on 03.12.2025			
Project/ Job number	:	SO Number: 3100280632 dated 19.07.2023			
Reference of Sampling	:	QF/LA/01B- 31.04.2025			
Method of Sampling & Preservation	:	QD/LA/13			
Environmental Condition while Testing	:	Ambient Temperature: 27°C and Humidity: 40%			

Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO_2	7.68	80 *	µg/m³	IS 5182 (Part 2/Sec 1)
2.	Nitrogen dioxide as NO_2	17.13	80 *	µg/m³	IS 5182 (Part 6)
3.	PM_{10}	70.29	100 *	µg/m³	IS 5182 (Part 23)
4.	$PM_{2.5}$	32.08	60 *	µg/m³	IS 5182 (Part 24)
5.	Carbon monoxide as CO	<1.0	04 **	mg/m³	IS 5182 (part 10)
6.	Ozone as O_3	15.2	180 **	µg/m³	IS 5182 (part 09)
7.	Ammonia as NH_3	88.97	400 *	µg/m³	IS 5182 (part 25)
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m³	IS 5182 (part 12)
9.	Benzene as C_6H_6	<0.2	05 ***	µg/m³	IS 5182 (part 11)
10.	Lead as Pb	< 0.2	1.0 *	µg/m³	CPCB Manual Volume I: 2013
11.	Nickel as Ni	15.1	20 ***	ng/m³	CPCB Manual Volume I: 2013
12.	Arsenic as As	< 0.2	06***	ng/m³	APHA Air method 302-3rdEd

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.
Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009.
Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only.

Himani P. Joshi.
(Report Reviewed By)

Reshma S. Patil.
(Authorized Signatory)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**
Recognized by **MoEFCC as "Environmental Laboratory"** valid up to 24.04.2027
Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel:9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787
TC-7085

Test Report
(Ambient Air)

Ref. No.: AESPL/LAB/C/ A-25/05/64 **Issue Date:** 22/05/2025

Name of Customer	:	M/s. Lupin Limited, Tarapur, T-142, MIDC Industrial Area, District Palghar, Tarapur 401506			
Name of Site	:	Lupin Tarapur			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of Sample	:	Ambient Air			
Location of Sampling	:	Near ETP Plant			
Date of Sampling	:	06/05/2025-07/05/2025			
Sampling Time	:	14:00 to 14:00 hr.	**Duration**	:	24 Hr.
Sample Drawn By	:	Goldfinch	**Transported By**	:	Goldfinch
Date of Sample Receipt	:	14/05/2025	**Sample Identification**	:	GFL/AA/25/05-100
Sample Quantity & Container	:	SO_2:1 Bottle; NO_2:1 Bottle; PM_{10}-1; $PM_{2.5}$-1; O_3: 1 Bottle & NH_3:1 Bottle; Bladder:1; Charcoal Tube:1			
Date of Sample Analysis	:	15/05/2025 to 21/05/2025			
Sampling Environmental Conditions	:	Temperature:28-33°C; Rain fall: No; P_{bar}: 756 mmHg.			
Transportation Condition	:	Bottles < 5°C	Filter papers in plastic container		Bladder, charcoal tube at ambient temp.
Sampling Equipment	:	GOLDFINCH/INST-HVS/03, GOLDFINCH/INST-ADS/77			
Calibration Status	:	Calibration on 03.12.2024 due on 03.12.2025			
Project/ Job number	:	SO Number: 3100280632 dated 19.07.2023			
Reference of Sampling	:	QF/LA/01B- 31.04.2025			
Method of Sampling & Preservation	:	QD/LA/13			
Environmental Condition while Testing	:	Ambient Temperature: 27°C and Humidity: 40%			

Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO_2	7.05	80 *	µg/m³	IS 5182 (Part 2/Sec 1)
2.	Nitrogen dioxide as NO_2	45.55	80 *	µg/m³	IS 5182 (Part 6)
3.	PM_{10}	66.27	100 *	µg/m³	IS 5182 (Part 23)
4.	$PM_{2.5}$	29.67	60 *	µg/m³	IS 5182 (Part 24)
5.	Carbon monoxide as CO	<1.0	04 **	mg/m³	IS 5182 (part 10)
6.	Ozone as O_3	18.6	180 **	µg/m³	IS 5182 (part 09)
7.	Ammonia as NH_3	294.6	400 *	µg/m³	IS 5182 (part 25)
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m³	IS 5182 (part 12)
9.	Benzene as C_6H_6	<0.2	05 ***	µg/m³	IS 5182 (part 11)
10.	Lead as Pb	< 0.2	1.0 *	µg/m³	CPCB Manual Volume I: 2013
11.	Nickel as Ni	13.1	20 ***	ng/m³	CPCB Manual Volume I: 2013
12.	Arsenic as As	< 0.2	06***	ng/m³	APHA Air method 302-3rdEd

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009.

Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only.

Himani

Himani P. Joshi.
(Report Reviewed By)

RJpatil

Reshma S. Patil.
(Authorized Signatory)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**
Recognized by **MoEFCC as "Environmental Laboratory"** valid up to 24.04.2027
Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel:9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787
TC-7085

Test Report
(Ambient Air)

Ref. No.: AESPL/LAB/C/ A-25/05/63 **Issue Date:** 22/05/2025

Name of Customer	:	M/s. Lupin Limited, Tarapur, T-142, MIDC Industrial Area, District Palghar, Tarapur 401506			
Name of Site	:	Lupin Tarapur			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of Sample	:	Ambient Air			
Location of Sampling	:	Near main gate			
Date of Sampling	:	05/05/2025-06/05/2025			
Sampling Time	:	13:00 to 13:00 hr.	**Duration**	:	24 Hr.
Sample Drawn By	:	Goldfinch	**Transported By**	:	Goldfinch
Date of Sample Receipt	:	14/05/2025	**Sample Identification**	:	GFL/AA/25/05-99
Sample Quantity & Container	:	SO_2:1 Bottle; NO_2:1 Bottle; PM_{10}-1; $PM_{2.5}$-1; O_3: 1 Bottle & NH_3:1 Bottle; Bladder:1; Charcoal Tube:1			
Date of Sample Analysis	:	15/05/2025 to 21/05/2025			
Sampling Environmental Conditions	:	Temperature:28-33°C; Rain fall: No; P_{air}: 756 mmHg.			
Transportation Condition	:	Bottles < 5°C	Filter papers in plastic container		Bladder, charcoal tube at ambient temp.
Sampling Equipment	:	GOLDFINCH/INST-HVS/03. GOLDFINCH/INST-ADS/77			
Calibration Status	:	Calibration on 03.12.2024 due on 03.12.2025			
Project/ Job number	:	SO Number: 3100280632 dated 19.07.2023			
Reference of Sampling	:	QF/LA/01B- 31.04.2025			
Method of Sampling & Preservation	:	OD/LA/13			
Environmental Condition while Testing	:	Ambient Temperature: 27°C and Humidity: 40%			

Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO_2	11.78	80 *	µg/m³	IS 5182 (Part 2/Sec 1)
2.	Nitrogen dioxide as NO_2	13.11	80 *	µg/m³	IS 5182 (Part 6)
3.	PM_{10}	68.54	100 *	µg/m³	IS 5182 (Part 23)
4.	$PM_{2.5}$	31.65	60 *	µg/m³	IS 5182 (Part 24)
5.	Carbon monoxide as CO	<1.0	04 **	mg/m³	IS 5182 (part 10)
6.	Ozone as O_3	18.0	180 **	µg/m³	IS 5182 (part 09)
7.	Ammonia as NH_3	70.12	400 *	µg/m³	IS 5182 (part 25)
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m³	IS 5182 (part 12)
9.	Benzene as C_6H_6	<0.2	05 ***	µg/m³	IS 5182 (part 11)
10.	Lead as Pb	< 0.2	1.0 *	µg/m³	CPCB Manual Volume I: 2013
11.	Nickel as Ni	14.4	20 ***	ng/m³	CPCB Manual Volume I: 2013
12.	Arsenic as As	< 0.2	06***	ng/m³	APHA Air method 302-3rd Ed

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.
Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009.
Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only.

Himani P. Joshi.
(Report Reviewed By)

Reshma S. Patil.
(Authorized Signatory)

-End of Test Report-

GOLDFINCH LABORATORY
(Department of Goldfinch Engineering Systems™ Private Limited)
Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,
MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.
Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com

TC-11432

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/06-57

Report Date: 24.06.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra.
Contact Person: Mr. Vipin Wade, Contact No: 9823829245

Date of Sampling:	09.06.2025-10.06.2025	**Sample Description:**	Ambient
Sampling Time:	09.00Hrs-09.00Hrs	**Sample Collected by:**	Laboratory
Sampling Duration:	24:00 Hrs	**Sampling Location:**	Near Main Gate
Sampling Plan:	QF/LA/01B- 30.05.2025	**Sampling Conditions:**	**Temp:** 28^{0}C **Climate:** Clear
Date of Receipt of Sample:	16.06.2025	**Sample Code:**	GFL/AA/25/06-57
Date of Analysis Started:	17.06.2025	**Date of Analysis Completed:**	24.06.2025
Sample Quantity & Container:	SO_2:1 Bottle; NO_2:1 Bottle; PM_{10}:1Paper; $PM_{2.5}$:1Paper; NH_3:1 Bottle; O_3:1 Bottle; Bladder:1,		
Transport Conditions:	Bottles < 5°C	Filter papers in plastic bag and container	Bladder, charcoal tube at ambient temp.

Environmental Condition while Testing : - Temperature: 25±2^{0}C **Humidity:** 30-80%

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Particulate Matter PM_{10}	65.30	100*	µg/m^3	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter $PM_{2.5}$	32.04	60*	µg/m^3	IS 5182 (Part-24):2019
Sulphur Dioxides as SO_2	14.58	80*	µg/m^3	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NOx	16.12	80*	µg/m^3	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH_3	224.87	400**	µg/m^3	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m^3	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O_3	<30.00	180**	µg/m3	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzene	<2.50	05**	µg/m^3	IS 5182 (Part-11):2006 Reaffirmed-2022
Lead as Pb	<0.05	1.0*	µg/m^3	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	12.67	20*	ng/m^3	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<0.30	06*	ng/m^3	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzo(a)pyrene	<0.06	01*	ng/m^3	GFL/GCMS/SOP-04

Sampling carried out using HVS
GOLDFINCH/INST-HVS/38
Calibrated on: 30.05.2025
Calibration Due on: 30.05.2026

Sampling carried out using ADS
GOLDFINCH/INST-ADS/77
Calibrated on: 03.12.2024
Calibration Due on: 03.12.2025

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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

For Goldfinch Laboratory

Analyzed by	Reviewed by	Authorized by
24/06/25	24/06/25	24/6/25
Vaibhav Raut	Jaidip Patil	Neha S. Apte
Name, Sign & Date	Name, Sign & Date (DTM/TM)	Name, Sign & Date (Authorized Signatory TM/QM)

GOLDFINCH LABORATORY
(Department of Goldfinch Engineering Systems™ Private Limited)
Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,
MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.
Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com

TC-11432

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/06-58

Report Date: 24.06.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra.
Contact Person: Mr. Vipin Wade, Contact No: 9823829245

Date of Sampling:	10.06.2025-11.06.2025	**Sample Description:**	Ambient
Sampling Time:	10.00Hrs-10.00Hrs	**Sample Collected by:**	Laboratory
Sampling Duration:	24.00 Hrs	**Sampling Location:**	Near ETP Plant
Sampling Plan:	QF/LA/01B- 30.05.2025	**Sampling Conditions:**	**Temp:** 29°C **Climate:** Clear
Date of Receipt of Sample:	16.06.2025	**Sample Code:**	GFL/AA/25/06-58
Date of Analysis Started:	17.06.2025	**Date of Analysis Completed:**	24.06.2025
Sample Quantity & Container:	SO_2:1 Bottle; NO_2:1 Bottle; PM_{10}:1Paper; $PM_{2.5}$:1Paper; NH_3:1 Bottle; O_3:1 Bottle; Bladder:1		
Transport Conditions:	Bottles < 5°C	Filter papers in plastic bag and container	Bladder, charcoal tube at ambient temp.
Environmental Condition while Testing : -	**Temperature:** 25±2°C	**Humidity:** 30-80%	

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Particulate Matter PM_{10}	62.44	100*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter $PM_{2.5}$	30.58	60*	µg/m³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO_2	11.63	80*	µg/m³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NOx	20.58	80*	µg/m³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH_3	258.03	400**	µg/m³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O_3	<30.00	180**	µg/m3	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzene	<2.50	05**	µg/m³	IS 5182 (Part-11):2006 Reaffirmed-2022
Lead as Pb	<0.05	1.0*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	11.85	20*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<0.30	06*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzo(a)pyrene	<0.06	01*	ng/m³	GFL/GCMS/SOP-04

Sampling carried out using HVS
GOLDFINCH/INST-HVS/38
Calibrated on: 30.05.2025
Calibration Due on: 30.05.2026

Sampling carried out using ADS
GOLDFINCH/INST-ADS/77
Calibrated on: 03.12.2024
Calibration Due on: 03.12.2025

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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

For Goldfinch Laboratory

Analyzed by	Reviewed by	Authorized by
24/06/25	24/06/25	24/6/25
Vaibhav Raut	Tejdip Patil	Neha S. Apte.
Name, Sign & Date	Name, Sign & Date (DTM/TM)	Name, Sign & Date (Authorized Signatory TM/QM)

GOLDFINCH LABORATORY
(Department of Goldfinch Engineering Systems™ Private Limited)
Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,
MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.
Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com

TC-11432

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/06-59

Report Date: 24.06.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra.
Contact Person: Mr. Vipin Wade, Contact No: 9823829245

Date of Sampling:	12.06.2025-13.06.2025	**Sample Description:**	Ambient
Sampling Time:	09.00Hrs-09.00Hrs	**Sample Collected by:**	Laboratory
Sampling Duration:	24:00 Hrs	**Sampling Location:**	Near DG room
Sampling Plan:	QF/LA/01B- 30.05.2025	**Sampling Conditions:**	**Temp:** 27°C **Climate:** Clear
Date of Receipt of Sample:	16.06.2025	**Sample Code:**	GFL/AA/25/06-59
Date of Analysis Started:	17.06.2025	**Date of Analysis Completed:**	24.06.2025
Sample Quantity & Container:	SO_2:1 Bottle; NO_2:1 Bottle; PM_{10}:1Paper; $PM_{2.5}$:1Paper; NH_3:1 Bottle; O_3:1 Bottle; Bladder:1		
Transport Conditions:	Bottles < 5°C	Filter papers in plastic bag and container	Bladder, charcoal tube at ambient temp.

Environmental Condition while Testing : - Temperature: 25±2°C **Humidity:** 30-80%

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Particulate Matter PM_{10}	60.42	100*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter $PM_{2.5}$	27.02	60*	µg/m³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO_2	11.74	80*	µg/m³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NOx	17.61	80*	µg/m³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH_3	124.47	400**	µg/m³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O_3	<30.00	180**	µg/m3	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzene	<2.50	05**	µg/m³	IS 5182 (Part-11):2006 Reaffirmed-2022
Lead as Pb	0.23	1.0*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	14.91	20*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<0.30	06*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzo(a)pyrene	<0.06	01*	ng/m³	GFL/GCMS/SOP-04

Sampling carried out using HVS
GOLDFINCH/INST-HVS/38
Calibrated on: 30.05.2024
Calibration Due on: 30.05.2025

Sampling carried out using ADS
GOLDFINCH/INST-ADS/77
Calibrated on: 03.12.2024
Calibration Due on: 03.12.2025

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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

For Goldfinch Laboratory

Analyzed by
24/06/25
Vaibhav Raut
Name, Sign & Date

Reviewed by
24/06/25
Jaidip Patil
Name, Sign & Date
(DTM/TM)

Authorized by
24/6/25
Neha S. Apte
Name, Sign & Date
(Authorized Signatory TM/QM)

GOLDFINCH LABORATORY
(Department of Goldfinch Engineering Systems™ Private Limited)
Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,
MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.
Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com

TC-11432

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/07-29 **Report Date: 22.07.2025**

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra.
Contact Person: Mr. Vipin Wade, Contact No: 9823829245

Date of Sampling:	08.07.2025-09.07.2025	**Sample Description:**	Ambient
Sampling Time:	10.00Hrs-10.00Hrs	**Sample Collected by:**	Laboratory
Sampling Duration:	24:00 Hrs	**Sampling Location:**	Near Main Gate
Sampling Plan:	QF/LA/01B- 30.06.2025	**Sampling Conditions:**	**Temp:** 28°C **Climate:** Clear
Date of Receipt of Sample:	14.07.2025	**Sample Code:**	GFL/AA/25/07-29
Date of Analysis Started:	15.07.2025	**Date of Analysis Completed:**	22.07.2025
Sample Quantity & Container:	SO_2:1 Bottle; NO_2:1 Bottle; PM_{10}:1Paper; $PM_{2.5}$:1Paper; NH_3:1 Bottle; O_3:1 Bottle; Bladder:1,		
Transport Conditions:	Bottles < 5°C	Filter papers in plastic bag and container	Bladder, charcoal tube at ambient temp.

Environmental Condition while Testing : - Temperature: 25±2°C **Humidity:** 30-80%

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Particulate Matter PM_{10}	60.24	100*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter $PM_{2.5}$	29.89	60*	µg/m³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO_2	9.86	80*	µg/m³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NOx	18.50	80*	µg/m³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH_3	249.12	400**	µg/m³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O_3	<30.00	180**	µg/m3	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzene	<2.50	05**	µg/m³	GFL/SOP/GC-01
Lead as Pb	0.31	1.0*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	8.79	20*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<0.30	06*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzo(a)pyrene	<0.06	01*	ng/m³	GFL/SOP/GCMS -04

Sampling carried out using HVS
GOLDFINCH/INST-HVS/01
Calibrated on: 02.12.2024
Calibration Due on: 02.12.2025

Sampling carried out using ADS
GOLDFINCH/INST-ADS/77
Calibrated on: 03.12.2024
Calibration Due on: 03.12.2025

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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

For Goldfinch Laboratory

Analyzed by	Reviewed by	Authorized by
22/07/25	22/07/25	22/7/25
Vaibhav Raut	Daidip Patil	Neha S. Apte.
Name, Sign & Date	Name, Sign & Date (DIM/TM)	Name, Sign & Date (Authorized Signatory TM/QM)

GOLDFINCH LABORATORY
(Department of Goldfinch Engineering Systems™ Private Limited)
Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,
MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.
Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website: www.goldfinchengg.com

TC-11432

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/07-30 Report Date: 22.07.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra.
Contact Person: Mr. Vipin Wade, Contact No: 9823829245

Date of Sampling:	09.07.2025-10.07.2025	**Sample Description:**	Ambient
Sampling Time:	11.00Hrs-11.00Hrs	**Sample Collected by:**	Laboratory
Sampling Duration:	24.00 Hrs	**Sampling Location:**	Near ETP Plant
Sampling Plan:	QF/LA/01B- 30.06.2025	**Sampling Conditions:**	**Temp:** 27°C **Climate:** Cloudy
Date of Receipt of Sample:	14.07.2025	**Sample Code:**	GFL/AA/25/07-30
Date of Analysis Started:	15.07.2025	**Date of Analysis Completed:**	22.07.2025
Sample Quantity & Container:	SO_2:1 Bottle; NO_2:1 Bottle; PM_{10}:1Paper; $PM_{2.5}$:1Paper; NH_3:1 Bottle; O_3:1 Bottle; Bladder:1		
Transport Conditions:	Bottles < 5°C	Filter papers in plastic bag and container	Bladder, charcoal tube at ambient temp.
Environmental Condition while Testing : - Temperature: 25±2°C **Humidity:** 30-80%			

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Particulate Matter PM_{10}	64.42	100*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter $PM_{2.5}$	27.33	60*	µg/m³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO_2	06.01	80*	µg/m³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NOx	14.94	80*	µg/m³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH_3	87.18	400**	µg/m³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O_3	<30.00	180**	µg/m3	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzene	<2.50	05**	µg/m³	GFL/SOP/GC-01
Lead as Pb	0.23	1.0*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	11.12	20*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<0.30	06*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzo(a)pyrene	<0.06	01*	ng/m³	GFL/SOP/GCMS -04

Sampling carried out using HVS
GOLDFINCH/INST-HVS/01
Calibrated on: 02.12.2024
Calibration Due on: 02.12.2025

Sampling carried out using ADS
GOLDFINCH/INST-ADS/77
Calibrated on: 03.12.2024
Calibration Due on: 03.12.2025

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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

For Goldfinch Laboratory

Analyzed by
22/07/25
Vaibhav Raut
Name, Sign & Date

Reviewed by
22/07/25
Jaidip Patil
Name, Sign & Date
(~~DTM~~/TM)

Authorized by
22/7/25
Neha S. Apte.
Name, Sign & Date
(Authorized Signatory TM/QM)

GOLDFINCH LABORATORY
(Department of Goldfinch Engineering Systems™ Private Limited)
Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,
MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.
Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website.: www.goldfinchengg.com

TC-11432

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/07-31

Report Date: 22.07.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra.
Contact Person: Mr. Vipin Wade, Contact No: 9823829245

Date of Sampling:	10.07.2025-11.07.2025	**Sample Description:**	Ambient
Sampling Time:	12.00Hrs-12.00Hrs	**Sample Collected by:**	Laboratory
Sampling Duration:	24:00 Hrs	**Sampling Location:**	Near DG room
Sampling Plan:	QF/LA/01B- 30.06.2025	**Sampling Conditions:**	**Temp:** 27°C **Climate:** Rainy
Date of Receipt of Sample:	14.07.2025	**Sample Code:**	GFL/AA/25/07-31
Date of Analysis Started:	15.07.2025	**Date of Analysis Completed:**	22.07.2025
Sample Quantity & Container:	SO_2:1 Bottle; NO_2:1 Bottle; PM_{10}:1Paper; $PM_{2.5}$:1Paper; NH_3:1 Bottle; O_3:1 Bottle; Bladder:1		
Transport Conditions:	Bottles < 5°C	Filter papers in plastic bag and container	Bladder, charcoal tube at ambient temp.

Environmental Condition while Testing : - Temperature: 25±2°C **Humidity:** 30-80%

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Particulate Matter PM_{10}	62.25	100*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter $PM_{2.5}$	25.75	60*	µg/m³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO_2	5.00	80*	µg/m³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NOx	5.77	80*	µg/m³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH_3	41.32	400**	µg/m³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O_3	<30.00	180**	µg/m3	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzene	<2.50	05**	µg/m³	GFL/SOP/GC-01
Lead as Pb	0.23	1.0*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	8.89	20*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<0.30	06*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzo(a)pyrene	<0.06	01*	ng/m³	GFL/SOP/GCMS -04

Sampling carried out using HVS
GOLDFINCH/INST-HVS/01
Calibrated on: 02.12.2024
Calibration Due on: 02.12.2025

Sampling carried out using ADS
GOLDFINCH/INST-ADS/77
Calibrated on: 03.12.2024
Calibration Due on: 03.12.2025

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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

For Goldfinch Laboratory

Analyzed by
22/07/25
Vaibhav Raut
Name, Sign & Date

Reviewed by
22/07/25
Jaidip Patil
Name, Sign & Date
(~~DTM~~/TM)

Authorized by
22/7/25
Neha S. Apte.
Name, Sign & Date
(Authorized Signatory TM/QM)

GOLDFINCH LABORATORY
(Department of Goldfinch Engineering Systems™ Private Limited)
Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,
MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.
Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com

TC-11432

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/08-145 **Report Date: 26.08.2025**

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra. Contact Person: Mr. Vipin Wade, Contact No: 9823829245			
Date of Sampling:	08.08.2025-09.08.2025	**Sample Description:**	Ambient
Sampling Time:	11.00Hrs-11.00Hrs	**Sample Collected by:**	Laboratory
Sampling Duration:	24:00 Hrs	**Sampling Location:**	Near Main Gate
Sampling Plan:	QF/LA/01B- 30.07.2025	**Sampling Conditions:**	**Temp:** 26°C **Climate:** Clear
Date of Receipt of Sample:	16.08.2025	**Sample Code:**	GFL/AA/25/08-145
Date of Analysis Started:	16.08.2025	**Date of Analysis Completed:**	26.08.2025
Sample Quantity & Container:	SO_2:1 Bottle; NO_2:1 Bottle; PM_{10}:1Paper; $PM_{2.5}$:1Paper; NH_3:1 Bottle; O_3:1 Bottle; Bladder:1,		
Transport Conditions:	Bottles < 5°C	Filter papers in plastic bag and container	Bladder, charcoal tube at ambient temp.
Environmental Condition while Testing : - Temperature: 25±2°C **Humidity:** 30-80%			

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Particulate Matter PM_{10}	69.72	100*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter $PM_{2.5}$	22.66	60*	µg/m³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO_2	11.65	80*	µg/m³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NOx	55.02	80*	µg/m³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH_3	303.93	400**	µg/m³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O_3	<30.00	180**	µg/m3	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzene	<2.50	05**	µg/m³	GFL/SOP/GC-01
Lead as Pb	0.31	1.0*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	10.17	20*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<0.30	06*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzo(a)pyrene	<0.06	01*	ng/m³	GFL/SOP/GCMS -04

Sampling carried out using HVS
GOLDFINCH/INST-HVS/03
Calibrated on: 03.12.2024
Calibration Due on: 03.12.2025

Sampling carried out using ADS
GOLDFINCH/INST-ADS/77
Calibrated on: 03.12.2024
Calibration Due on: 03.12.2025

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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

For Goldfinch Laboratory

Analyzed by	Reviewed by	Authorized by
26/08/25	26/08/25	26/8/25
Prachi Chavalhar	Jaidip Patil	Neha S. Apte
Name, Sign & Date	Name, Sign & Date (DTM / TM)	Name, Sign & Date (Authorized Signatory TM / QM)

GOLDFINCH LABORATORY
(Department of Goldfinch Engineering Systems™ Private Limited)
Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,
MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.
Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com

TC-11432

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/08-146 **Report Date: 26.08.2025**

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra. Contact Person: Mr. Vipin Wade, Contact No: 9823829245			
Date of Sampling:	07.08.2025-08.08.2025	**Sample Description:**	Ambient
Sampling Time:	11.00Hrs-11.00Hrs	**Sample Collected by:**	Laboratory
Sampling Duration:	24.00 Hrs	**Sampling Location:**	Near ETP Plant
Sampling Plan:	QF/LA/01B- 30.07.2025	**Sampling Conditions:**	**Temp:** 26°C **Climate:** Cloudy
Date of Receipt of Sample:	16.08.2025	**Sample Code:**	GFL/AA/25/08-146
Date of Analysis Started:	16.08.2025	**Date of Analysis Completed:**	26.08.2025
Sample Quantity & Container:	SO_2:1 Bottle; NO_2:1 Bottle; PM_{10}:1Paper; $PM_{2.5}$:1Paper; NH_3:1 Bottle; O_3:1 Bottle; Bladder:1		
Transport Conditions:	Bottles < 5°C	Filter papers in plastic bag and container	Bladder, charcoal tube at ambient temp.
Environmental Condition while Testing : - Temperature: 25±2°C **Humidity:** 30-80%			

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Particulate Matter PM_{10}	62.28	100*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter $PM_{2.5}$	27.99	60*	µg/m³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO_2	10.97	80*	µg/m³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NOx	31.50	80*	µg/m³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH_3	218.47	400**	µg/m³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O_3	<30.00	180**	µg/m3	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzene	<2.50	05**	µg/m³	GFL/SOP/GC-01
Lead as Pb	0.26	1.0*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	11.32	20*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<0.30	06*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzo(a)pyrene	<0.06	01*	ng/m³	GFL/SOP/GCMS -04

Sampling carried out using HVS
GOLDFINCH/INST-HVS/03
Calibrated on: 03.12.2024
Calibration Due on: 03.12.2025

Sampling carried out using ADS
GOLDFINCH/INST-ADS/77
Calibrated on: 03.12.2024
Calibration Due on: 03.12.2025

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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

For Goldfinch Laboratory

Analyzed by	Reviewed by	Authorized by
Rachi Chowdhari 26/08/25	Jaidip Patil 26/08/25	Neha S. Apte 26/8/25
Rachi Chowdhari	Jaidip Patil	Neha S. Apte.
Name, Sign & Date	**Name, Sign & Date (DTM / TM)**	**Name, Sign & Date (Authorized Signatory TM / QM)**

GOLDFINCH LABORATORY
(Department of Goldfinch Engineering Systems™ Private Limited)
Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,
MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.
Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com

TC-11432

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/08-147 **Report Date: 26.08.2025**

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra.
Contact Person: Mr. Vipin Wade, Contact No: 9823829245

Date of Sampling:	11.08.2025-12.08.2025	**Sample Description:**	Ambient
Sampling Time:	12.00Hrs-12.00Hrs	**Sample Collected by:**	Laboratory
Sampling Duration:	24:00 Hrs	**Sampling Location:**	Near DG room
Sampling Plan:	QF/LA/01B- 30.07.2025	**Sampling Conditions:**	**Temp:** 25°C **Climate:** Rainy
Date of Receipt of Sample:	16.08.2025	**Sample Code:**	GFL/AA/25/08-147
Date of Analysis Started:	16.08.2025	**Date of Analysis Completed:**	26.08.2025
Sample Quantity & Container:	SO_2:1 Bottle; NO_2:1 Bottle; PM_{10}:1Paper; $PM_{2.5}$:1Paper; NH_3:1 Bottle; O_3:1 Bottle; Bladder:1		
Transport Conditions:	Bottles < 5°C	Filter papers in plastic bag and container	Bladder, charcoal tube at ambient temp.
Environmental Condition while Testing : - Temperature: 25±2°C		**Humidity:** 30-80%	

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Particulate Matter PM_{10}	60.25	100*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter $PM_{2.5}$	23.51	60*	µg/m³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO_2	11.01	80*	µg/m³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NOx	28.76	80*	µg/m³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH_3	150.12	400**	µg/m³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O_3	<30.00	180**	µg/m3	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzene	<2.50	05**	µg/m³	GFL/SOP/GC-01
Lead as Pb	0.29	1.0*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	9.90	20*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<0.30	06*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzo(a)pyrene	<0.06	01*	ng/m³	GFL/SOP/GCMS -04

Sampling carried out using HVS
GOLDFINCH/INST-HVS/03
Calibrated on: 03.12.2024
Calibration Due on: 03.12.2025

Sampling carried out using ADS
GOLDFINCH/INST-ADS/77
Calibrated on: 03.12.2024
Calibration Due on: 03.12.2025

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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

For Goldfinch Laboratory

Analyzed by
Bachi Chaudhari
26/08/25
Bachi Chaudhari
Name, Sign & Date

Reviewed by
26/08/25
Jaidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by
26/8/25
Neha S Apte
Name, Sign & Date
(Authorized Signatory TM / QM)

GOLDFINCH LABORATORY
(Department of Goldfinch Engineering Systems Private Limited)
Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,
MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.
Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com

TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/09-136 **Report Date: 08.10.2025**

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra.
Contact Person: Mr. Vipin Wade, Contact No: 9823829245

Date of Sampling:	18.09.2025-19.09.2025	**Sample Description:**	Ambient
Sampling Time:	10.00Hrs-10.00Hrs	**Sample Collected by:**	Laboratory
Sampling Duration:	24:00 Hrs	**Sampling Location:**	Near Main Gate
Sampling Plan:	QF/LA/01B- 30.08.2025	**Sampling Conditions:**	**Temp:** 26°C **Climate:** Clear
Date of Receipt of Sample:	29.09.2025	**Sample Code:**	GFL/AA/25/09-136
Date of Analysis Started:	29.09.2025	**Date of Analysis Completed:**	08.10.2025
Sample Quantity & Container:	SO_2:1 Bottle; NO_2:1 Bottle; PM_{10}:1Paper; $PM_{2.5}$:1Paper; NH_3:1 Bottle; O_3:1 Bottle; Bladder:1,		
Transport Conditions:	Bottles < 5°C	Filter papers in plastic bag and container	Bladder, charcoal tube at ambient temp.

Environmental Condition while Testing : - Temperature: 25±2°C **Humidity:** 30-80%

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Particulate Matter PM_{10}	68.45	100*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter $PM_{2.5}$	23.88	60*	µg/m³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO_2	19.93	80*	µg/m³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NOx	24.25	80*	µg/m³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH_3	237.47	400**	µg/m³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O_3	<30.00	180**	µg/m3	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzene	<2.50	05**	µg/m³	GFL/SOP/GC-01
Lead as Pb	0.34	1.0*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	11.86	20*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<0.30	06*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzo(a)pyrene	<0.06	01*	ng/m³	GFL/SOP/GCMS -04

Sampling carried out using HVS
GOLDFINCH/INST-HVS/03
Calibrated on: 03.12.2024
Calibration Due on: 03.12.2025

Sampling carried out using ADS
GOLDFINCH/INST-ADS/44
Calibrated on: 30.05.2025
Calibration Due on: 30.05.2026

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

For Goldfinch Laboratory

Analyzed by	Reviewed by	Authorized by
08/10/25	08/10/25	8/10/25
Vaibhav Raut	Jaidip Patil	Neha S. Apte.
Name, Sign & Date	Name, Sign & Date (DTM / TM)	Name, Sign & Date (Authorized Signatory TM / QM)

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

GOLDFINCH LABORATORY
(Department of Goldfinch Engineering Systems™ Private Limited)

Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,
MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.
Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com

TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/09-137 **Report Date: 08.10.2025**

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra.
Contact Person: Mr. Vipin Wade, Contact No: 9823829245

Date of Sampling:	22.09.2025-23.09.2025	**Sample Description:**	Ambient
Sampling Time:	11.00Hrs-11.00Hrs	**Sample Collected by:**	Laboratory
Sampling Duration:	24.00 Hrs	**Sampling Location:**	Near ETP Plant
Sampling Plan:	QF/LA/01B- 30.08.2025	**Sampling Conditions:**	**Temp:** 26°C **Climate:** Cloudy
Date of Receipt of Sample:	29.09.2025	**Sample Code:**	GFL/AA/25/09-137
Date of Analysis Started:	29.09.2025	**Date of Analysis Completed:**	08.10.2025
Sample Quantity & Container:	SO_2:1 Bottle; NO_2:1 Bottle; PM_{10}:1Paper; $PM_{2.5}$:1Paper; NH_3:1 Bottle; O_3:1 Bottle; Bladder:1		
Transport Conditions:	Bottles < 5°C	Filter papers in plastic bag and container	Bladder, charcoal tube at ambient temp.
Environmental Condition while Testing : -	**Temperature:** 25±2°C	**Humidity:** 30-80%	

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Particulate Matter PM_{10}	64.98	100*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter $PM_{2.5}$	28.56	60*	µg/m³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO_2	16.28	80*	µg/m³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NOx	20.81	80*	µg/m³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH_3	178.87	400**	µg/m³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O_3	<30.00	180**	µg/m3	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzene	<2.50	05**	µg/m³	GFL/SOP/GC-01
Lead as Pb	0.31	1.0*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	10.39	20*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<0.30	06*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzo(a)pyrene	<0.06	01*	ng/m³	GFL/SOP/GCMS -04

Sampling carried out using HVS
GOLDFINCH/INST-HVS/03
Calibrated on: 03.12.2024
Calibration Due on: 03.12.2025

Sampling carried out using ADS
GOLDFINCH/INST-ADS/44
Calibrated on: 30.05.2025
Calibration Due on: 30.05.2026

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

For Goldfinch Laboratory

Analyzed by	Reviewed by	Authorized by
08/10/25	08/10/25	8/10/25
Vaibhav Raut	Dailip Patil	Neha S. Apte
Name, Sign & Date	Name, Sign & Date (DTM / TM)	Name, Sign & Date (Authorized Signatory TM / QM)

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

GOLDFINCH LABORATORY
(Department of Goldfinch Engineering Systems™ Private Limited)
Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,
MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.
Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com

TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/09-138 **Report Date: 08.10.2025**

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra.
Contact Person: Mr. Vipin Wade, Contact No: 9823829245

Date of Sampling:	25.09.2025-26.09.2025	**Sample Description:**	Ambient
Sampling Time:	10.00Hrs-10.00Hrs	**Sample Collected by:**	Laboratory
Sampling Duration:	24:00 Hrs	**Sampling Location:**	Near DG room
Sampling Plan:	QF/LA/01B- 30.08.2025	**Sampling Conditions:**	**Temp:** 27°C **Climate:** Rainy
Date of Receipt of Sample:	29.09.2025	**Sample Code:**	GFL/AA/25/09-138
Date of Analysis Started:	29.09.2025	**Date of Analysis Completed:**	08.10.2025
Sample Quantity & Container:	SO_2:1 Bottle; NO_2:1 Bottle; PM_{10}:1Paper; $PM_{2.5}$:1Paper; NH_3:1 Bottle; O_3:1 Bottle; Bladder:1		
Transport Conditions:	Bottles < 5°C	Filter papers in plastic bag and container	Bladder, charcoal tube at ambient temp.

Environmental Condition while Testing : - Temperature: 25±2°C **Humidity:** 30-80%

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Particulate Matter PM_{10}	66.96	100*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter $PM_{2.5}$	25.79	60*	µg/m³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO_2	14.10	80*	µg/m³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NOx	29.57	80*	µg/m³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH_3	93.72	400**	µg/m³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O_3	<30.00	180**	µg/m3	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzene	<2.50	05**	µg/m³	GFL/SOP/GC-01
Lead as Pb	0.31	1.0*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	10.55	20*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<0.30	06*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzo(a)pyrene	<0.06	01*	ng/m³	GFL/SOP/GCMS -04

Sampling carried out using HVS
GOLDFINCH/INST-HVS/03
Calibrated on: 03.12.2024
Calibration Due on: 03.12.2025

Sampling carried out using ADS
GOLDFINCH/INST-ADS/44
Calibrated on: 30.05.2025
Calibration Due on: 30.05.2026

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

For Goldfinch Laboratory

Analyzed by	Reviewed by	Authorized by
08/10/25	08/10/25	8/10/25
Vaibhav Raut	Jaidip Patil	Neha S. Apte
Name, Sign & Date	Name, Sign & Date (DTM / TM)	Name, Sign & Date (Authorized Signatory TM / QM)

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

ANNEXURE-3

(Analysis Report of Ambient Noise)

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015& ISO 45001:2018**
Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2025
Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787**
TC-7085

Test Report
(Noise)

Ref. No.: AESPL/LAB/C/N-25/04/07 to 09 **Issue Date:** 21/04/2025

Name of Customer	:	M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra.			
Name of Site	:	Lupin Tarapur			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of Sample	:	Ambient Noise			
Location Details	:	At the periphery of site			
Date of Sampling	:	10/04/2025 - 15/04/2025	**Period of Sampling**	:	Ambient
Start & End Time of Sampling (Daytime)		09.00Hr-22.00 Hr	**Start & End Time of Sampling (Nighttime)**	:	22.00 Hr-09.00Hr.
Monitored By	:	Goldfinch	**Transported By**	:	Goldfinch
Date of Data Receipt	:	19/04/2025	**Sample Identification**	:	GFL/AN/25/04-42 GFL/AN/25/04-43 GFL/AN/25/04-44
Environmental Condition	:	**Climate:** Clear	**Ambient Temp:** 29-30 ^{0}C		
Transportation Condition	:	Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.			
Sampling Equipment	:	Noise meter - **GOLDFINCH/INST-dB meter/79**			
Calibration Status	:	Calibrated on 02/10/2024; calibration due on 01/10/2025			
Project/ Job Number	:	SO Number: 3100280632 dated 19.07.2023			
Reference of Sampling	:	QF/LA/01B- 31.03.2025			
Method of Sampling	:	IS 9989 RA:2023			

Sr. No.	Location	Noise Day Time dB(A)	Noise Nighttime dB(A)
1.	Near Main Gate	55.9	52.5
2.	Near ETP Area	55.4	51.9
3.	Near DG Room	62.8	59.0
Standard as per EP Act for industrial area		**75**	**70**

Conformity Statement: Noise Levels at all the locations are found below the stipulated limits.

Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date onlyand the sample will also be retained for the same period.
4. The results apply to the sample as received.

Himani

Himani P. Joshi.
(Report Reviewed By)

Rspahl

Reshma S. Patil.
(Authorized Signatory)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015& ISO 45001:2018**
Recognized by **MoEFCC as "Environmental Laboratory"** valid up to 24.04.2027
Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [illegible]
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM-MH-19-0029787**
TC-7085

Test Report
(Noise)

Ref. No.: AESPL/LAB/C/N-25/05/07 to 09 **Issue Date:** 21/05/2025

Name of Customer	:	M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra.			
Name of Site	:	Lupin Tarapur			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of Sample	:	Ambient Noise			
Location Details	:	At the periphery of site			
Date of Sampling	:	05/05/2025 - 08/05/2025	**Period of Sampling**	:	Ambient
Start & End Time of Sampling (Daytime)		10.00Hr-22.00 Hr	**Start & End Time of Sampling (Nighttime)**	:	22.00 Hr-10.00Hr.
Monitored By	:	Goldfinch	**Transported By**	:	Goldfinch
Date of Data Receipt	:	14/05/2025	**Sample Identification**	:	GFL/AN/25/05-130 GFL/AN/25/05-131 GFL/AN/25/05-132
Environmental Condition	:	**Climate:** Clear	**Ambient Temp:** 29-30^{0}C		
Transportation Condition	:	Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.			
Sampling Equipment	:	Noise meter - **GOLDFINCH/INST-dB meter/79**			
Calibration Status	:	Calibrated on 02/10/2024; calibration due on 01/10/2025			
Project/ Job Number	:	SO Number: 3100280632 dated 19.07.2023			
Reference of Sampling	:	QF/LA/01B- 31.04.2025			
Method of Sampling	:	IS 9989 RA:2023			

Sr. No.	Location	Noise Day Time dB(A)	Noise Nighttime dB(A)
1.	Near Main Gate	55.9	54.9
2.	Near ETP Area	61.5	52.4
3.	Near DG Room	64.5	58.4
Standard as per EP Act for industrial area		**75**	**70**

Conformity Statement: Noise Levels at all the locations are found below the stipulated limits.

Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date onlyand the sample will also be retained for the same period.
4. The results apply to the sample as received.

Himani

Himani P. Joshi.
(Report Reviewed By)

ADITYA ENVIRONMENTAL SERVICES PVT. LTD. RASAYANI

Rspatil

Reshma S. Patil.
(Authorized Signatory)

-End of Test Report-

Reg. Office: 110, Hiren Light Industrial Estate, Mogul Lane, Mahim, Mumbai - 400016 Tel: 022 42127500 E-mail: [illegible]

GOLDFINCH LABORATORY
(Department of Goldfinch Engineering Systems™ Private Limited)
Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,
MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.
Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com

TC-11432

QF/LA/10-C

Report Ref. No.: GFL/AN/R/25/06-89 TO 91

Report Date: 24.06.2025

Analysis Test Report for Ambient Noise Level Survey

Name of the Industry: M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra. Contact Person: Mr. Vipin Wade, Contact No: 9823829245			
Date of Sampling:	09.06.2025 - 13.06.2025	**Sample Description:**	Ambient Noise
Day Time Sampling:	06.00 Hrs -22.00 Hrs	**Sample Collected by:**	Laboratory
Night Time Sampling:	22.00 Hrs-06.00 Hrs.	**Date of Receipt of Sample:**	16.06.2025
Sampling Plan:	QF/LA/01 B – 30.05.2025	**Sampling Conditions:**	**Ambient Temp:** 30°C **Climate:** Clear
Frequency Weighting:	A	**Time Weighting:**	Fast
Date of Analysis Started:	24.06.2025	**Date of Analysis Completed:**	24.06.2025
Transport Conditions: Noise meter and datasheets safely kept in bag and transported to laboratory			
Environmental Condition while Testing: - **Temperature :** 25 ± 2°C **Humidity :** 30-80%			

Ambient Noise Level				Sampling Method / Test Method
Sample Code No.-	**Location**	**Day dB(A)**	**Night dB(A)**	
GFL/AN/25/06-89	Near Main Gate	55.9	50.7	IS 9989-1981 Reaffirmed 2023
GFL/AN/25/06-90	Near ETP	55.4	51.9	
GFL/AN/25/06-91	Near DG Area	62.8	59.0	
M.P.C.B. Limit		**75**	**70**	

Survey carried out using dB meter
Sr.No. GOLDFINCH/INST- DB Meter/79
Calibrated On: 02.10.2024
Calibration due: 01.10.2025

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

For Goldfinch Laboratory

Analyzed by	**Reviewed by**	**Authorized by**
24/06/25	24/06/25	24/6/25
Vaibhav Raut	Daidip Patil	Neha S Apte
Name, Sign & Date	**Name, Sign & Date (DTM/TM)**	**Name, Sign & Date (Authorized Signatory TM/QM)**

GOLDFINCH LABORATORY
(Department of Goldfinch Engineering Systems™ Private Limited)
Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,
MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.
Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com

TC-11432

QF/LA/10-C

Report Ref. No.: GFL/AN/R/25/07-57 TO 59

Report Date: 22.07.2025

Analysis Test Report for Ambient Noise Level Survey

Name of the Industry: M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra.
Contact Person: Mr. Vipin Wade, Contact No: 9823829245

Date of Sampling:	08.07.2025 - 11.07.2025	**Sample Description:**	Ambient Noise
Day Time Sampling:	06.00 Hrs -22.00 Hrs	**Sample Collected by:**	Laboratory
Night Time Sampling:	22.00 Hrs-06.00 Hrs.	**Date of Receipt of Sample:**	14.07.2025
Sampling Plan:	QF/LA/01 B – 30.06.2025	**Sampling Conditions:**	**Ambient Temp:** 27°C **Climate:** Clear
Frequency Weighting:	A	**Time Weighting:**	Fast
Date of Analysis Started:	21.07.2025	**Date of Analysis Completed:**	21.07.2025

Transport Conditions: Noise meter and datasheets safely kept in bag and transported to laboratory

Environmental Condition while Testing: - Temperature : 25 ± 2°C **Humidity :** 30-80%

Ambient Noise Level				Sampling Method / Test Method
Sample Code No.-	**Location**	**Day dB(A)**	**Night dB(A)**	
GFL/AN/25/07-57	Near Main Gate	56.2	54.3	IS 9989-1981 Reaffirmed 2023
GFL/AN/25/07-58	Near ETP	61.9	53.8	
GFL/AN/25/07-59	Near DG Area	64.1	55.1	
M.P.C.B. Limit		**75**	**70**	

Survey carried out using dB meter
Sr.No. GOLDFINCH/INST- DB Meter/79
Calibrated On: 02.10.2024
Calibration due: 01.10.2025

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

For Goldfinch Laboratory

Analyzed by	**Reviewed by**	**Authorized by**
22/07/25	22/07/25	22/7/25
Vaibhav Raut	Daidip Patil	Neha S. Apte.
Name, Sign & Date	**Name, Sign & Date (DTM/TM)**	**Name, Sign & Date (Authorized Signatory TM/QM)**

GOLDFINCH LABORATORY
(Department of Goldfinch Engineering Systems Private Limited)
Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,
MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.
Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com

TC-11432

QF/LA/10-C

Report Ref. No.: GFL/AN/R/25/08-174 TO 176 **Report Date: 26.08.2025**

Analysis Test Report for Ambient Noise Level Survey

Name of the Industry: M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra.
Contact Person: Mr. Vipin Wade, Contact No: 9823829245

Date of Sampling:	07.08.2025 - 12.08.2025	**Sample Description:**	Ambient Noise
Day Time Sampling:	06.00 Hrs -22.00 Hrs	**Sample Collected by:**	Laboratory
Night Time Sampling:	22.00 Hrs-06.00 Hrs.	**Date of Receipt of Sample:**	16.08.2025
Sampling Plan:	QF/LA/01 B – 30.07.2025	**Sampling Conditions:**	**Ambient Temp:** 27°C **Climate:** Clear
Frequency Weighting:	A	**Time Weighting:**	Fast
Date of Analysis Started:	22.08.2025	**Date of Analysis Completed:**	22.08.2025

Transport Conditions: Noise meter and datasheets safely kept in bag and transported to laboratory

Environmental Condition while Testing: - Temperature : 25 ± 2°C **Humidity :** 30-80%

Ambient Noise Level				Sampling Method / Test Method
Sample Code No.-	**Location**	**Day dB(A)**	**Night dB(A)**	
GFL/AN/25/08-174	Near Main Gate	56.5	54.9	IS 9989-1981 Reaffirmed 2023
GFL/AN/25/08-175	Near ETP	61.8	54.5	
GFL/AN/25/08-176	Near DG Area	64.1	55.7	
M.P.C.B. Limit		**75**	**70**	

Survey carried out using dB meter
Sr.No. GOLDFINCH/INST- DB Meter/79
Calibrated On: 02.10.2024
Calibration due: 01.10.2025

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

For Goldfinch Laboratory

Analyzed by
26/08/25
Balki Chaudhari
Name, Sign & Date

Reviewed by
26/08/25
Jaidip Patil
Name, Sign & Date (DTM / TM)

Authorized by
26/8/25
Neha S. Apte
Name, Sign & Date (Authorized Signatory TM / QM)

GOLDFINCH LABORATORY

(Department of Goldfinch Engineering Systems™ Private Limited)

Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,
MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.
Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com

TC-16166

QF/LA/10-C

Report Ref. No.: GFL/AN/R/25/09-167 TO 169

Report Date: 08.10.2025

Analysis Test Report for Ambient Noise Level Survey

Name of the Industry: M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra.
Contact Person: Mr. Vipin Wade, Contact No: 9823829245

Date of Sampling:	19.09.2025 - 24.09.2025	**Sample Description:**	Ambient Noise
Day Time Sampling:	06.00 Hrs -22.00 Hrs	**Sample Collected by:**	Laboratory
Night Time Sampling:	22.00 Hrs-06.00 Hrs.	**Date of Receipt of Sample:**	29.09.2025
Sampling Plan:	QF/LA/01 B – 30.08.2025	**Sampling Conditions:**	**Ambient Temp:** 27°C **Climate:** Clear
Frequency Weighting:	A	**Time Weighting:**	Fast
Date of Analysis Started:	07.10.2025	**Date of Analysis Completed:**	07.10.2025

Transport Conditions: Noise meter and datasheets safely kept in bag and transported to laboratory

Environmental Condition while Testing: - Temperature : 25 ± 2°C **Humidity :** 30-80%

Ambient Noise Level				Sampling Method / Test Method
Sample Code No.-	**Location**	**Day dB(A)**	**Night dB(A)**	
GFL/AN/25/09-167	Near Main Gate	55.8	51.7	IS 9989-1981 Reaffirmed 2023
GFL/AN/25/09-168	Near ETP Plant	55.4	53.9	
GFL/AN/25/09-169	Near DG Area	62.4	60.9	
M.P.C.B. Limit		**75**	**70**	

Survey carried out using dB meter
Sr.No. GOLDFINCH/INST- DB Meter/79
Calibrated On: 02.10.2024
Calibration due: 01.10.2025

For Goldfinch Laboratory

Analyzed by	Reviewed by	Authorized by
08/10/25	08/10/25	8/10/25
Vaibhav Raut	Jaidip Patil	Neha S. Apte.
Name, Sign & Date	Name, Sign & Date (DTM / TM)	Name, Sign & Date (Authorized Signatory TM / QM)

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

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2025

Unique Application Number
MPCB-ENVIRONMENT_STATEMENT-0000085808

Submitted Date
25-09-2025

PART A

Company Information

Company Name
Lupin Limited, Tarapur

Application UAN number
MPCB-CONSENT-0000209928

Address
Survey No. 30/10 to 30/13 & 64/7, Plot No. T-142, MIDC Tarapur, Tal & Dist- Palghar -401 506 Tel. No. 02525-243300

Plot no
Survey No- 30/10 to 30/13 &64/7

Taluka
Palghar

Village
MIDC Tarapur

Capital Investment (In lakhs)
116018.20

Scale
L.S.I

City
Palghar

Pincode
401506

Person Name
Mr. Akash Patel

Designation
Site Head, Tarapur

Telephone Number
9898035317

Fax Number

Email
akashspatel@lupin.com

Region
SRO-Tarapur I

Industry Category
Red

Industry Type
R58 Pharmaceuticals

Last Environmental statement submitted online
yes

Consent Number
MPCB-CONSENT-0000209928

Consent Issue Date
2025-01-20

Consent Valid Upto
2029-04-30

Establishment Year
1993

Date of last environment statement submitted
Sep 19 2024 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
API	1522.43	973.66	MT/A

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
NA	0	0	MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Form 4

See rules 6(5),13(8),16(6) and 20(2) of Hazardous and other wastes 2016

FORM FOR FILING ANNUAL RETURNS

[To be submitted to state pollution control board/pollution control committee by 30th June of every year for the preceeding period April to march]

Unique Application Number:	***Submitted On:***	***Industry Type :***
MPCB-HW_ANNUAL_RETURN-0000058314	28-06-2025	Generator

Submitted for Year:
2025

1a. Name of the generator/operator of facility	***Address of the unit/facility***
Lupin Ltd.	Survey No. 30/10 to 30/13 & 64/7, Plot No. T-142, MIDC Tarapur, Tal & Dist- Palghar -401 506 Tel. No. 02525-243540/542

1b. Authorization Number	***Date of issue***	***Date of validity of consent***
Format1.0/CAC/UAN No.0000209928/CO/2501001721 Dated-20/01/2025	Jan 20, 2025	Apr 30, 2029

2. Name of the authorised person	***Full address of authorised person***
Mr. Akash Patel	Survey No. 30/10 to 30/13 & 64/7, Plot No. T-142, MIDC Tarapur, Tal & Dist- Palghar -401 506 Tel. No. 02525-243540/542

Telephone	***Fax***	***Email***
9898035317	-	akashspatel@lupin.com

3.Production during the year (product wise), wherever applicable

Product Type *	***Product Name ****	***Consented Quantity***	***Actual Quantity***	***UOM***
Pharmaceuticals(excluding formulation)	API Product	1522.4250	973.66	MT/A

PART A: To be filled by hazardous waste generators

1. Total Quantity of waste generated category wise

Type of hazardous waste	***Wate Name***	***Consented Quantity***	***Quantity***	***UOM***
5.1 Used or spent oil	Used oil	10.800	7.220	MTA
5.2 Wastes or residues containing oil	Waste /residue containing oil	7.200	0.00	MTA
28.6 Spent organic solvents	Spent solvent	85378.730	4842.136	MTA
36.1 Any process or distillation residue	Any process or distillation Residue	918.650	860.075	MTA
28.1 Process Residue and wastes	Process residue & waste	2169.630	1449.150	MTA
28.2 Spent catalyst	Spent catalyst	18.860	1.820	MTA
28.3 Spent carbon	Spent carbon	231.130	126.090	MTA
28.4 Off specification products	Off Specification product	720.000	46.995	MTA

28.5 Date-expired products	Date Expired products	720.000	26.115	MTA
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	Empty barrels/containers/Liners/ contaminated with hazardous chemicals/wastes	4320.000	237.575	MTA
34.1 Chemical-containing residue arising from decontamination.	Chemical containing residue arising from decontamination	180.000	0.00	MTA
37.3 Concentration or evaporation residues	Concentration or evaporation residue	4140.000	2236.442	MTA
Other Hazardous Waste	Insulation Waste, discarded PPE, Apron, Shoe cover	365.000	279.080	MTA
28.1 Process Residue and wastes	Process waste-Trans Sertraline	230.980	0.000	MTA
28.1 Process Residue and wastes	Process waste-Piprazine di acetate	86.880	35.650	MTA
28.1 Process Residue and wastes	Process waste-2 Amino 4 Methyl Pyridine	1.110	0.000	MTA
28.1 Process Residue and wastes	Process waste-Tributyl tin chloride	1.340	0.000	MTA
28.1 Process Residue and wastes	Process waste-Di Methyl Butaonic acid	39.100	0.000	MTA
28.1 Process Residue and wastes	Process waste-R R mandelate salt	91.670	48.600	MTA
28.1 Process Residue and wastes	Process waste-Immidazole Hydrochloride	31.170	22.355	MTA
28.1 Process Residue and wastes	Process waste-Tri Ethyl Amine	81.760	0.000	MTA
28.1 Process Residue and wastes	Process waste-Mendalic Acid	38.010	0.000	MTA
28.1 Process Residue and wastes	Process waste Di iso propyl ethyl amine	1.680	0.000	MTA
28.1 Process Residue and wastes	Process waste D2 Amino 1-Butanol (D2AB)	8.110	0.000	MTA
28.6 Spent organic solvents	Spent Solvent (Iso propyl Alcohol)	142.170	0.000	MTA

2. Quantity dispatched category wise.

Type of Waste	***Quantity of waste***	***UOM***	***Dispatched to***	***Facility Name***
5.1 Used or spent oil	7.220	MTA	Recycler or Actual user	Authorized Recycle
28.6 Spent organic solvents	4556.071	MTA	Recycler or Actual user	Authorized Recycle
28.6 Spent organic solvents	40.435	MTA	Disposal Facility	CHWTSDF - MWML
28.6 Spent organic solvents	245.630	MTA	Co-processors or pre-processor	Authorized Pre-processor
36.1 Any process or distillation residue	23.990	MTA	Disposal Facility	CHWTSDF - MWML
36.1 Any process or distillation residue	836.085	MTA	Co-processors or pre-processor	Authorized Pre-processor
28.1 Process Residue and wastes	1449.150	MTA	Disposal Facility	CHWTSDF - MWML
28.2 Spent catalyst	1.82	MTA	Recycler or Actual user	Authorized Recycle

28.3 Spent carbon	126.090	MTA	Co-processors or pre-processor	Authorized Pre-processor
28.4 Off specification products	12.475	MTA	Disposal Facility	CHWTSDF - MWML
28.4 Off specification products	34.520	MTA	Co-processors or pre-processor	Authorized Pre-processor
28.5 Date-expired products	26.115	MTA	Co-processors or pre-processor	Authorized Pre-processor
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	13.865	MTA	Disposal Facility	CHWTSDF - MWML
Other Hazardous Waste	110.185	MTA	Disposal Facility	CHWTSDF - MWML (Insulation waste)
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	115.010	MTA	Co-processors or pre-processor	Authorized Pre-processor
Other Hazardous Waste	168.895	MTA	Co-processors or pre-processor	Authorized Pre-processor (Discarded PPE's, Apron, Shoe cover)
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	108.700	MTA	Recycler or Actual user	Drum/Barrel - after decontamination and cutting sold to authorized party
37.3 Concentration or evaporation residues	2272.370	MTA	Disposal Facility	CHWTSDF - MWML
28.1 Process Residue and wastes	35.650	MTA	Co-processors or pre-processor	Authorized Pre-processor-Piprazine di acetate
28.1 Process Residue and wastes	48.600	MTA	Co-processors or pre-processor	Authorized Pre-processor-R R mandelate salt
28.1 Process Residue and wastes	22.355	MTA	Co-processors or pre-processor	Authorized Pre-processor-Immidazole Hydrochloride

3. Quantity Utilised in-house,If any

Type of Waste	***Name of Waste***	***Quantity of Waste***	***UOM***
	NA	0	MTA

4. Quantity in storage at the end of the year

Type of Waste	***Name of Waste***	***Quantity of Waste***	***UOM***
37.3 Concentration or evaporation residues	Dried Solids from Dryer (ATFD, Salt)	8.053	MTA

5. Quantity disposed in landfills as such and after treatment

Type	***Quantity***	***UOM***
Direct landfilling	NA	MTA
Landfill after treatment	NA	MTA

6. Quantity incinerated (if applicable)	***UOM***
NA	MTA

Personal Details

Place	***Date***	***Designation***
Tarapur	2025-06-28	Sr. GM – MFG Site Head

Emergency Scenario

1. **Detail of Scenario:**

Type of Scenario	**Fire Event**
Date	**22 April, 2025**
Time	**15 :45 Hrs.**
Shift	**B + G**
Location of Scenario	**T3 Explosive Tank farm**
Team Involved	**All Site employees**

2. **Scenario of Mock Drill:**

While unloading of toluene from road tanker to the storage tank of CCoE tank farm, operator missed to discharge static charges of the tanker through earth rite system. Resulting into generation of spark while clamping/connecting the metallic hose to the tanker which converted into widespread of fire to the road tanker.

To control the Fire emergency by fitter and officer co-ordinates together and initiates quenching of fire using sprinkler system provided at road tanker unloading bay, and takes effective control measures to spread of fire into other solvent storage tanks.

3. **Sequence of Mock Drill:**

Event

1. Toluene road tanker parks at unloading area of tank farm.
2. Under the supervision of plant officer fitter initiates unloading procedure.
3. Due to record the solvent level of another storage tank, officer leaves the area by informing to the fitter to ensure connection as per checklist before unloading activity.
4. Fitter neglects the instructions of officer and bypasses earth rite system & proceed for clamping the hoses without discharging the static charges of the tanker.
5. This substandard practice resulted into fire & converts into spread of fire to the unloading hose & tanker vehicle.
6. Driver of the tanker escapes from the incident place shouting "FIRE, FIRE, FIRE".
7. After hearing the shout, officer notices the fire.
8. Reaches immediately near the incident place & activates the sprinkler system of unloading area.

9. Officer then instructs to the fitter to activate the deluge sprinkler system of tank farm area by operating manual valve.
10. Simultaneously officer breaks MCP nearby gate of the tank farm, & dials **Emergency Contact 1000** for further emergency communication.

Response

11. Security personnel operates Siren for 30 second continuous as per siren code & alert the site using PA system.
12. Immediately incident controller Mr. Lankesh Wade and Main incident controller Mr. Raju Gharat reaches and took charge of incident area.
13. Main Site Controller reaches to the ECC & evaluates the need of additional emergency response team & resources with communicating to the Main incident controller.
14. Based on the need, Main Site Controller instructs ERT team of T2 & T3 area to reach the incident place through PA system.
15. Fire fighter reaches at site and operates foam monitors to quench the fire.
16. Meantime fire got controlled by efforts of Fire fighters.
17. After controlling the fire scenario, all clear siren was (60 second continuous) was declared.

4. Emergency Response Time:

Sr. No.	Check point	Time
1.	Breaking of Manual Call Point	15:35
2.	Communication on Emergency no.1000	15:36
3.	Time required to raise alert siren	15:36
4.	ERT team reach at incident place	15:38
5.	Ambulance reach at incident place	15.40
6.	Incident controller reach at incident place	15:37
7.	Main Incident controller reach at incident place	15:38
8.	Main site controller reach at ECC	15:38
9.	Controller of Assembly point #1	15:46
10.	Controller of Assembly point #2	15:42
11.	Controller of Assembly point #3	15:42
12.	Controller of Assembly point #4	15:43
13.	Controller of Assembly point #4	15:46

5. Role and Responsibility

Sr. No.	Name of Persons	Responsibility
1.	Mr. Akash Patel	Main Site Controller
2.	Mr. Raju Gharat	Main Incident Controller
3.	Mr. Lankesh Vade	Incident Controller
4.	Mr. Mahesh Kate	HR Head
5.	Mr. Shashin Patil	Safety Head
6.	Dr. Manav Pandey	Factory Medical Officer (FMO)
7.	Mr. Nilesh Mhatre	Security Head
8.	Mr. Sushant Desale	Assembly Point controller

6. Involved Fire Fighters / First aiders and other response team in Mock Drill

Sr. No.	Name of First Aider/Fire Fighter	Activity done
1.	Mr. Samir Patil	Dial 1000 and operated MCP
2.	Mr. Amarish Rai	Operating Deluge Valve
3.	Paritosh Kadam, Bahvesh More	Operating Foam Monitor (ERT)

7. Detail of Observers:

Sr. No.	Name of Observer	Location
1.	Mr. Shashin Patil	Incident spot (T3 CCoE Tank farm)
2.	Mr. Pramod Karanjekar	Emergency control center
3.	Mr. Pramod Karanjekar	Security Cabin & Main Gate
4.	Mr. Sunil Umdale	Assembly Point 3
5.	Mr. Anil Lohar	Assembly Point 4

8. Performance of Emergency Communication Equipment's:

Sr. No.	Name of Equipment	ID. No.	Performance	Remarks
1.	Manual Call Point	T1-L5-MCP-95	Working properly	-
2.	Emergency Telephone	1000	Not Working properly	-
3.	ECC Telephone	43340 , 43349	Working properly	-
4.	Security main gate	43333	Working properly	-
5.	Addressable Panel at ECC	-	Working properly	-
6.	Addressable panel security	-	Working properly	-
7.	Mega Phone -01	01	Working properly	-
8.	Telephone assembly point	43533	Working properly	-

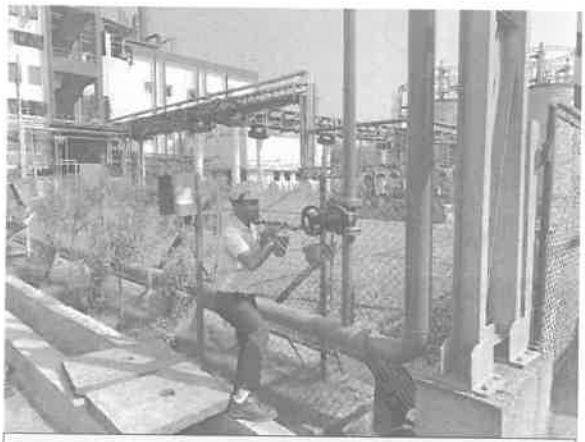
9. Noteworthy observations:

1. Awareness of the team on emergency communication.
2. Immediate response by Production team during spillage.
3. Effective emergency preparedness by ERT members.
4. Site Main controller reached at ECC within 1:30 minutes of Siren

Mock Drill Gallery

Operator connecting the hose for Unloading

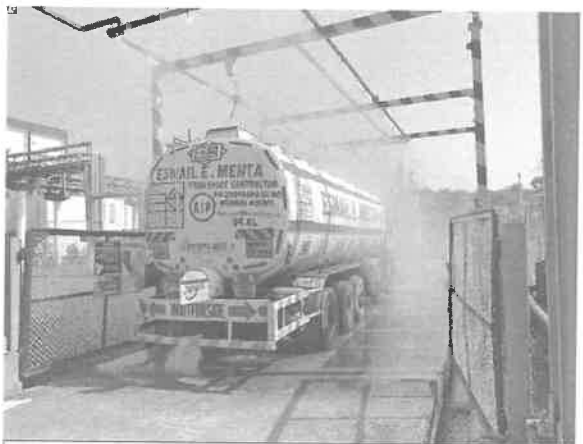
Officer Called to emergency number 1000



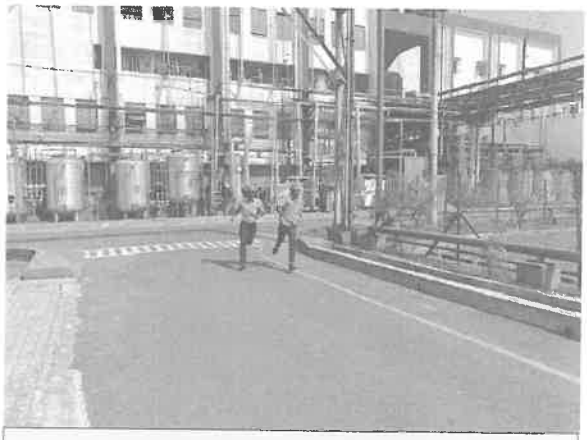
Officer operating water sprinkler valve

Fire Extinguishing by using water sprinkler system

Fire Extinguishing by using Foam Monitor



Fire Extinguishing by using water sprinkler system



Fire team reaching at site

Communication by Site Main Controller @ECC

Alerting site through PA system by Security officer

Ambulance reaching at incident site

ERT members reaching at site with PPE's

Briefing by EHS Head

Visit Report

General Information

IMIS ID : MPCB-CONSENT-0000000842

Industry Name : Lupin Ltd.

Address : T-142, MIDC Tarapur, Tal. Palghar, Dist. Palghar

Pincode : 401 506

Category : 17 Category

Email : akashspatel@lupin.com

Phone : 9898035317

Visit Scheduled On : 07/04/2025

Last date of visit : 08/05/2025

Visited by : Raju Vasave(SRO-Tarapur I)

Visited On

Visited Industry on :07/04/2025

Email Address of Unit :akashpatel@lupin.com

Telephone Number of Unit :9898035317

Siting Criteria

Siting Criteria : No

Location

Notified Industrial area : Yes

Detail : MIDC Tarapur

Planning Authority : -

Visit For

Visit For : Randomization

Previous Consent Detail

Consent UAN No.	Date	Validity	Capital Investment	Verified By
MPCB-CONSENT-0000209928	20-01-2025	30-04-2029	116018.20	CA Certificate

Environment Clearance

Is EC Applicable : Yes

Is EC Obtained : Yes

EC Detail : -

Production Details

Product Name	Quantity(As consent)	Unit(As consent)	Quantity(Actual)	Unit(Actual)	Operational Issue
Rifa S,Rifa O & Rifampicin	404	MT/A	404	MT/A	No
Rifaximin	20	MT/A	20	MT/A	No
Lovastatin	10	MT/A	10	MT/A	No
Losartan potassium	65	MT/A	65	MT/A	No
Abacavir (Hydrochloride/ Sulphate)	12	MT/A	12	MT/A	No
Amlodipine Besilate	25	MT/A	25	MT/A	No
Escitalopram Oxalate	25	MT/A	25	MT/A	No
Fenofibrate/Choline Fenofibrate	20	MT/A	20	MT/A	No
Zolpidem Tartarate	0.8	MT/A	0.8	MT/A	No
Imipramine pamoate/Imipramine Hcl	0.5	MT/A	0.5	MT/A	No
Risperidone	1	MT/A	1	MT/A	No
Gatifloxac	0.02	MT/A	0.02	MT/A	No
Desloratadine	1	MT/A	1	MT/A	No
Capreomycin Sulfate	1	MT/A	1	MT/A	No
Calcium L-5- Methyltetrahydrofolate	0.1	MT/A	0.1	MT/A	No
Dalbavancin Intermediate (A-40926)	0.2	MT/A	0.2	MT/A	No
Demeclocycline (DMCTC)	657.68	MT/A	0.5	MT/A	No

Waste Water Management

Source of water :
1) Surface
Surface Detail : MIDC
Authority Permission : -

Deviation In:

Water Consumption : No

Effluent : No

Sewage : No

Whether Industrial effluent generated : No **Whether Domestical effluent generated : No**

		Industrial		Domestic	Gardening
		Process	Cooling		
Generation in m3/day	As per consent				0
	Actual				0

Treatment System

	Industrial	Domestic
Primary :		
Secondary :		
Tertiary :		
Advanced :		

JVS sample collection (Water)

JVS sample collected for Water : No

Detail : -

Previous JVS Records (Water)

Sr. No.	Unique Id	Barcode Number	Sample Type	Sample Subtype	Payment Status	COA Generated
1	MPCB-JVS-020424011	BR-0069285	Water	JVS	Payment Pending	YES Link :Download
2	MPCB-JVS-020424011	BR-0069286	Water	JVS	Payment Pending	YES Link :Download
3	MPCB-JVS-020424011	BR-0069287	Water	JVS	Payment Pending	YES Link :Download

Air Pollution Aspect

1) Details of emission : No

#	Source	Fuel Name	Fuel Quantity	Fuel Unit	Control Equipment Installed	Stack Height(mtrs)	Operational Issue

Record not found.

2) Differential in existing source of emission : No

JVS sample collection (Air)

JVS sample collected for Air : No Detail : -

Previous JVS Records (AIR)

Sr. No.	Unique id	Barcode Number	Sample Type	Sample Subtype	Payment Status	COA Generated
1	MPCB-JVS-060324033	BR-0067246	Air	Source Emission	Payment Pending	YES Link :Download
2	MPCB-JVS-060324033	BR-0067247	Air	Source Emission	Payment Pending	YES Link :Download
3	MPCB-JVS-060324033	BR-0067248	Air	Source Emission	Payment Pending	YES Link :Download

Hazardous Waste Generation

Difference in exiting waste generation : No

Non Hazardous Waste Generation

Difference in exiting waste generation : No

Any specific Conditions

	Condition	Compliance
Consent		
Directions		
Environment Clearance		
Any NGT / Court order		

Bank Guarantee

BG Imposed :

Remark

#	Statutory Submissions	Financial Year	Within Time	Whether any deviation waste generation & disposal (less/ more)
Record not found.				

Penal Charges

Penal Charges : No

OCEMS

Is Mandatory : Not Mandatory

Detail

Connected to MPCB server : No

Detail : -

Green Coverage

Green Coverage : No

Detail : -

Any Specific Observation

Any Specific Observation : During visit industry found in operation. Air Monitoring from Online mobile van.

Previous legal action detail

Record not found.

Whether unit complied

Whether unit complied : Yes

LUPIN LIMITED
T-142,M.I.D.C. Tarapur via. - Boisar
Taluka & Dist. Palghar, Maharashtra - 401 506
Tel: +91-2525-243300,243600

LUPIN

LUPL/ENV/MPCB/2025-26/0001

Date : 22th May 2025

To
The Additional Director(s)
Ministry of Environment & Forests,
Regional Office, Western Region,
Kendriya Paryavaran Bhavan,
Link Road No. 3,
Bhopal-462016
Madhya Pradesh

24/6/25

SUB-REGIONAL OFFICE
MAHARASHTRA POLLUTION CONTROL BOARD
TARAPUR, MIDC COLONY, BOISAR,
TALUKA & DIST. PALGHAR, PIN 401 504.

Sub.: Submission of half – yearly EC compliance for the period October-2024 to March-2025

Ref.: Environmental Clearance EC (Lupin)-2009/153/CR.167/TC.1 dated 16/11/2010

Dear Sir,

With reference to the above cited subject, please find the enclosed here with half yearly EC compliance report for the period of **October-2024 to March-2025** for Lupin Limited, Tarapur site.

Kindly acknowledge the receipt of the same.

Thanking you,

Yours faithfully,

For Lupin Limited

22/05/2025

Authorized Signatory
CC:- SRO -I Tarapur

SPS

Your (Half Yearly Compliance Report) has been Submitted with following details

Proposal No	EC(Lupin)-2009/153/CR.167/TC.1
Compliance ID	128061268
Compliance Number(For Tracking)	EC/M/COMPLIANCE/128061268/2025
Reporting Year	2025
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	29-05-2025
RO/SRO Name	Shri Senthil Kumar Sampath
RO/SRO Email	agmu156@ifs.nic.in
State	MAHARASHTRA
RO/SRO Office Address	Integrated Regional Offices, Nagpur

Note:- SMS and E-Mail has been sent to Shri Senthil Kumar Sampath, MAHARASHTRA with Notification to Project Proponent.