

LUPIN LIMITED

T-142,M.I.D.C. Tarapur via. - Boisar

Taluka & Dist. Palghar, Maharashtra - 401 506

Tel: +91-2525-243300,243600



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

[Signature] 04/6/25
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

[Signature] 22/05/2025
Authorized Signatory

CC:- SRO -I Tarapur

[Signature]
22/5/25

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.	

**Compliance report of Env. Clearance No. EC (Lupin)-2009/153/ CR.167/TC.1, dated 16/11/2010
For the period of October 2024 to March 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 26 th 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.0000209928/CO/2501001721 date - 20/01/2025 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 & SO ₂ 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 October-2024 to March-2025 are attached as Annexure-II



vii.	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	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><thead><tr><th>Location</th><th>Total Capacity</th></tr></thead><tbody><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></tbody></table>	Location	Total Capacity	Dhanivari, Dahanu, Dist- Palghar (16nos.Farm Ponds)	13323 m3	Nikane Dahanu, Dist- Palghar (03 nos. Fam Ponds)	2244 m3	Ranshet, Dahanu, Dist- Palghar (03 nos. Fam Ponds)	1092 m3	Sonale, Dahanu, Dist- Palghar (01 nos. Check Dam)	4435.2 m3	Jamshet, Dahanu,Dist- Palghar (01 nos. Check Dam)	1055.6 m3	Alewadi, Palghar, Dist- Palghar (01 nos. Check Dam)	675 m3
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Viii	Arrangement shall be made that wastewater and storm water do not get mixed.	Wastewater is collected through dedicated effluent carrying pipelines which does not get mixed with storm water drains.														
ix.	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.	No bore well is available at site and no groundwater is used inside the premises.														
	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.	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.														
xi.	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.	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. Copy of analysis reports from October-2024 to														



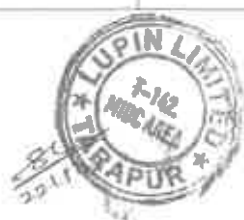
		March-2025 are attached as Annexure-III
xii.	Green belt shall be developed & maintained around the plant periphery. Green Belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/Agriculture Dept.	Complied
xiii.	Adequate 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.



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 place & the recovered solvent is used. Closed handling system provided for chemicals. Incinerable Hazardous waste is sent for 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 30/11/2024.
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.
ii	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item wise break-up. These costs 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 be 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 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	Complied.
Xxiv	Project Management should submit half yearly compliances reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to MPCB & this department, on 1 st June & 1 st December of each calendar year.	Noted and being followed. Last six-monthly EC compliance report for the April-2024 to September-2024 was submitted on 14/11/2024 & same is uploaded on Parivesh Portal
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 April-2024 to September.-2024 was submitted on 14/11/2024.



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 2023-24 was submitted on 19/09/2024.
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



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)

No:- Format1.0/CAC/UAN

No.0000209928/CO/2501001721

Date: 20/01/2025

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



Sub: Grant of amendment in consent to operate based on change in product mix in the same category with decrease in production capacity, under Red/LSI

- Ref:**
1. Consent to operate granted under vide No:- Format1.0/CAC/UAN No.MPCB-CONSENT-0000178467/CR/2404001599 dated 23.04.2024.
 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 2nd Technical Appraisal Committee meeting (2024-2025) dated 19.06.2024
 4. Minutes of 8th CAC meeting dated 04.10.2024.

Your application No.MPCB-CONSENT-0000209928 Dated 21.05.2024

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.1160.182 Crs. (As per C.A Certificate submitted by Industry Existing CI is-Rs. 1160.182 Crs + Expansion/Increase in C.I. Rs. 0 Crs)
3. Consent is valid for the manufacture of:

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
Products					
1	Rifa S,Rifa O	271.5	-211.5	60	MT/A
2	Rifampicin	397.5	46.5	444	MT/A
3	Rifaximin	20	-15	5	MT/A
4	Lovastatin	10	0	10	MT/A
5	Simvastatin	45	-3	42	MT/A

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
42	Rifapentine	42	0	42	MT/A
43	Oseltamivir	3	0	3	MT/A
44	Sodium Rifamycin SV	4.5	0	4.5	MT/A
45	Dalbavancin Intermediate (A-40926)	0.2	0	0.2	MT/A
46	Demeclocycline/DMCTC	0.5	0	0.5	MT/A
47	Tacrolimus	0.1	0	0.1	MT/A
48	Toivaptan	0.075	0	0.075	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	1008.1	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-1	Boilers (2 Nos) 12 TPH & 10 TPH	1	As per Schedule -II
2	S-2	Boilers (2 Nos) 12 TPH & 12 TPH-Standby	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*2.5MW	2	As per Schedule -II
6	S-15 to S-38	Process Vents	24	As per Schedule -II
7	S-39 to S-41	Process Vents	3	As per Schedule -II
8	S-42	Boiler (08 TPH-02 Nos)	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 Composting
2	Mycelia Waste	18.1	MT/Day	Composting	Sale to authorized Party

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
7	28.1 Process Residue and wastes	38.01	MT/A	Incineration / Recycle/Preprocessing/ Coprocessing	(Mendalic Acid) Sale to authorized party Coprocessor through MPCB/CPCB Authorized Preprocessor / CHWTSDf
8	28.1 Process Residue and wastes	81.76	MT/A	Incineration / Recycle/Preprocessing/ Coprocessing	(Tri Ethyl Amine) Sale to authorized party Coprocessor through MPCB/CPCB Authorized Preprocessor / CHWTSDf
9	28.1 Process Residue and wastes	1.34	MT/A	Incineration / Recycle/Preprocessing/ Coprocessing	(Tributyl tin chloride) Sale to authorized party Coprocessor through MPCB/CPCB Authorized Preprocessor / CHWTSDf
10	28.1 Process Residue and wastes	39.10	MT/A	Incineration / Recycle/Preprocessing/ Coprocessing	(Di methyl Butanoic Acid) Sale to authorized party Coprocessor through MPCB/CPCB Authorized Preprocessor /CHWTSDf
11	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
12	28.1 Process Residue and wastes	8.11	MT/A	Incineration / Recycle/Preprocessing/ Coprocessing	(D2 1Butanol (D2AB)) Sale to authorized party Coprocessor through MPCB/CPCB Authorized Preprocessor / CHWTSDf
13	28.1 Process Residue and wastes	230.98	MT/A	Incineration / Recycle/Preprocessing/ Coprocessing	(Trans sertralne) Sale to authorized party Coprocessor through MPCB/CPCB Authorized Preprocessor / CHWTSDf
14	28.1 Process Residue and wastes	31.17	MT/A	Incineration / Recycle/Preprocessing/ Coprocessing	(Immidazole Hydrochloride) Sale to authorized party Coprocessor through MPCB/CPCB Authorized Preprocessor / CHWTSDf
15	28.1 Process Residue and wastes	2119.10	MT/A	Incineration / Recycle/Preprocessing/ Coprocessing	(Potassium chloride KCl) Sale to authorized party Coprocessor through MPCB/CPCB Authorized Preprocessor /CHWTSDf

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
26	Insulation Waste, discarded PPE, Apron, Shoe cover	365	MT/A	Incineration / Recycle/Preprocessing/ Coprocessing	Co-process through MPCB/CPCB authorized Pre-Processor/CHWTSDf

Hazardous waste from Sr. No. 4 to 15 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	365.00	MT/A	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.MPCBCONSENT-0000178467/CR/2404001599 dated 23.04.2024.
12. This consent is issued pursuant to the decision of the 11th Consent Appraisal Committee Meeting held on 04.10.2024.
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 60 days prior to date of expiry of the consent. (Operate/Renewal)
16. Industry shall submit bank guarantee of Rs. 25 lakh towards O & M of pollution control systems and compliance of consent conditions.

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 1103.1 CMD effluent (Industrial effluent-1008.1 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 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.
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:

<i>Sr. No.</i>	<i>Purpose for water consumed</i>	<i>Water consumption quantity (CMD)</i>
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	876.20
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

Stack No.	Source	APC System provided/prop used	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant Standard	
S-39 to S-41	Process Vents (3 Nos)	Scrubber Stack	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 (2x 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 4274 SCM/H.

- 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.
- 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/ Nm ³

- 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.
- 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 1stO	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	TTowards 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

- 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. ~~You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in year and submit report to Sub-Regional Officer.~~
 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.

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. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in every year and submit report to Sub Regional Officer.
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

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2025

Laboratory: P-1, MIDC Mohopada, Raseyan, Dist. Raigad, 410222, E-mail: rajah@aespl.co.in

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TL-7065

Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-24/10, 111

Issue Date: 06/11/2024

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		18/10/2024-19/10/2024			
Sampling Time		10:00 to 10:00 hr.		Duration	24 Hr.
Sample Drawn By		Goldfinch		Transported By	Goldfinch
Date of Sample Receipt		23/10/2024		Sample Identification	GFL/AA/24/10-111
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		23/10/2024 to 06/11/2024			
Sampling Environmental Conditions		Temperature:28-33°C; Rain fall: No; P.: 754 mmHg.			
Transportation Condition		Bottles < 5°C		Filter papers in plastic container	Bladder, charcoal tube at ambient temp.
Sampling Equipment		GOLDFINCH/INST-IVS/74 GOLDFINCH/INST-ADS/42			
Calibration Status		Calibration on 02.09.2024 due on 02.09.2025 Calibration on 30.05.2024 due on 30.05.2025			
Project/ Job number		SO Number: 319028632 dated: 19.07.2023			
Reference of Sampling		UP/LA/01 R - 30.09.2024			
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	17.82	80 *	µg/m ³	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO ₂	27.69	80 *	µg/m ³	IS 5182 (Part 6) RA2022
3.	PM ₁₀	68.46	100 *	µg/m ³	IS 5182 (Part 23) RA2022
4.	PM _{2.5}	29.35	60 *	µg/m ³	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	<1.0	04 **	mg/m ³	IS 5182 (part 11) RA2019
6.	Ozone as O ₃	<32.0	186 **	µg/m ³	IS 5182 (part 9) RA2019
7.	Ammonia as NH ₃	31.40	300 *	µg/m ³	IS 5182 (part 25) RA2018
8.	Benzene/toluene as BaP	<0.5	01 ***	ng/m ³	IS 5182 (part 12) 2004
9.	Benzene as C ₆ H ₆	<0.5	05 ***	µg/m ³	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:

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Rashma

Rashma S. Patil
(Authorized Signatory)



Himani

Himani P. Joshi.
(Report Reviewed By)

-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, Rassyani, Dist Raigad, 410222, E-mail: pglab@aespl.co.in

Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-24/10/61

Issue Date: 06/11/2024

Name of Customer	: M/s. Lupin Limited, Tarapur, T-142, MIDC Industrial Area, District Palghar, Tarapur 401506 Maharashtra				
Name of Site	: Landa Tarapur				
Discharge & Group	: Chemical Atmospheric Pollution				
Description of Sample	: Ambient Air				
Location of Sampling	: Near DG Area				
Date of Sampling	: 18/10/2024-19/10/2024				
Sampling Time	: 10:00 to 10:00 hr.	Duration	: 24 Hr.		
Sample Drawn By	: Goldfinch	Transported By	: Goldfinch		
Date of Sample Receipt	: 23/10/2024	Sample Identification	: GL/AA/24/10-111		
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	: 23/10/2024 to 06/11/2024				
Sampling Environmental Conditions	: Temperature: 28-31°C; Rainfall: No; P.H.: 7.54 mmHg.				
Transportation Condition	: Bottles < 5°C	Filter papers in plastic container	Bladder, charcoal tube at ambient temp.		
Sampling Equipment	: GOLDFINCH/INST-HVS/74 GOLDFINCH/INST-ADS/42				
Calibration Status	: Calibration on 02.09.2024 due on 02.09.2025 Calibration on 30.05.2024 due on 30.05.2025				
Project/ Job number	: SO Number: 3100200632 dated 19.07.2024				
Reference of Sampling	: OP/LA/01 B - 30.09.2024				
Method of Sampling & Preservation	: OP/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 *	ug/m ³	APHA Air method 822-3rd Ed
11.	Nickel as Ni	5.40	20 ***	ng/m ³	APHA Air method 822-3rd Ed
12.	Arsenic as As	<5.0	06 ***	ng/m ³	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.

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Ripahl

Reshma S. Patil
(Authorized Signatory)



Himani

Himani P. Joshi
(Report Reviewed By)

-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: nglab@aespl.co.in

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787.



Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-24/10/63

Issue Date: 06/11/2024

Name of Customer & Contact Details	M/s. Lupin Limited, Tarapur, T-142, MIDC Industrial Area, District Palghar, Tarapur 401508 Maharashtra Mr. Arvind Pawar - 9823829245 Email: arvind.pawar@lupin.com				
Name of Site	Lupin Tarapur				
Discipline & Group	Chemical: Atmospheric Pollution				
Description of Sample	Ambient Air				
Location of Sampling	Near Main Gate				
Date of Sampling	14/10/2024-15/10/2024				
Sampling Time	12:30 to 12:30 hr	Duration	24 Hr.		
Sample Drawn By	Goldfinch	Transported By	Goldfinch		
Date of Sample Receipt	23/10/2024	Sample Identification	GFL/AA/24/10-109		
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	23/10/2024 to 06/11/2024				
Sampling Environmental Conditions	Temperature: 28-33°C; Rain fall: Nil; P _{atm} : 754 mmHg				
Transportation Condition	Bottles < 5°C	Filter papers in plastic container	Bladder, charcoal tube at ambient temp.		
Sampling Equipment	GOLDFINCH/INST-LVS/74; GOLDFINCH/INST-ADS/42				
Calibration Status	Calibration on 02.09.2024 due on 02.09.2025 Calibration on 30.05.2024 due on 30.05.2025				
Project/Job number	SO Number: 7100280632 dated 19.07.2023				
Reference of Sampling	OF/LA/01 B - 30.09.2024				
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	21.45	80 *	µg/m ³	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO ₂	17.34	80 *	µg/m ³	IS 5182 (Part 6) RA2022
3.	PM ₁₀	68.11	100 *	µg/m ³	IS 5182 (Part 23) RA2022
4.	PM _{2.5}	35.39	60 *	µg/m ³	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	<1.0	04 **	ppm/m ³	IS 5182 (part 11) RA2019
6.	Ozone as O ₃	<32.00	180 **	µg/m ³	IS 5182 (part 9) RA2019
7.	Ammonia as NH ₃	317.92	400 *	µg/m ³	IS 5182 (part 25) RA 2018
8.	Benzofluorene as BbF	<0.5	01 ***	ng/m ³	IS 5182 (part 12) 2004
9.	Benzene as C ₆ H ₆	<0.8	03 ***	ng/m ³	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:

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Reshma

Reshma S. Patil.
(Authorized Signatory)



Himani

Himani P. Joshi.
(Report Reviewed By)

-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: pgsab@aespl.co.in

Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

**Test Report
(Ambient Air)**

Ref. No.: AESPL/LAB/C/ A-24/10/63

Issue Date: 06/11/2024

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	: 14/10/2024-15/10/2024				
Sampling Time	: 12:30 to 12:30 hr.	Duration	: 24 Hr.		
Sample Drawn By	: Goldfinch	Transported By	: Goldfinch		
Date of Sample Receipt	: 23/10/2024	Sample Identification	: GFL/AA/24/10-109		
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	: 23/10/2024 to 06/11/2024				
Sampling Environmental Conditions	: Temperature: 28-33°C; Rain fall: No; P.: 754 mmHg.				
Transportation Condition	: Bottles < 5°C	Filter papers in plastic container	Bladder, charcoal tube at ambient temp.		
Sampling Equipment	: GOLDFINCH/INST-HVS/74 GOLDFINCH/INST-ADS/42				
Calibration Status	: Calibration on 02.09.2024 due on 02.09.2025 Calibration on 30.05.2024 due on 30.05.2025				
Project/ Job number	: SO Number: 3100280632 dated 19.07.2023				
Reference of Sampling	: OE/LA/01 B - 30.09.2024				
Method of Sampling & Preservation	: OD/LA/13				
Environmental Condition while Testing	: Ambient Temperature: 27°C and Humidity: 40%				
Sr. No.	Parameter	Result	Limit #	Unit	Method of Analysis
10.	Lead as Pb	<0.5	1.0 *	µg/m ³	APHA Air method 821-3 rd Ed
11.	Nickel as Ni	6.17	20 ***	µg/m ³	APHA Air method 822-3 rd Ed
12.	Arsenic as As	<5.0	25 ***	µg/m ³	APHA Air method 302-3 rd 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.

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*Reshma*Reshma S. Patil.
(Authorized Signatory)*Himani*Himani P. Joshi.
(Report Reviewed By)

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018

Recognized by MoEF/CC as "Environmental Laboratory" valid up to 24.04.2025

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: prlab@aespl.co.in

Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

**Test Report
(Ambient Air)**

Ref. No.: AESPL/LAB/C/ A-24/10/62

Issue Date: 06/11/2024

Name of Customer & Contact Details	M/s. Lupin Limited, Tarapur, T-142, MIDC Industrial Area, District Palghar, Tarapur 401508 Maharashtra Mr. Arvind Pawar - 9823829245 Email: arvindpawar@lupin.com				
Name of Site	Lupin Tarapur				
Discipline & Group	Chemical: Atmospheric Pollution				
Description of Sample	Ambient Air				
Location of Sampling	Near ETP Plant				
Date of Sampling	16/10/2024-17/10/2024				
Sampling Time	11:30 to 11:30 hr.	Duration	24 Hr.		
Sample Drawn By	Goldfinch	Transported By	Goldfinch		
Date of Sample Receipt	23/10/2024	Sample Identification	GFL/AA/24/10-11		
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	23/10/2024 to 06/11/2024				
Sampling Environmental Conditions	Temperature: 28-35°C; Rain fall: No; P.: 756 mm/a.				
Transportation Condition	Bottles < 5°C	Filter papers in plastic container	Bladder, charcoal tube at ambient temp.		
Sampling Equipment	GOLDFINCH/INST-1 (VS/74, GOLDFINCH/INST-AD&42				
Calibration Status	Calibration on 02.09.2024 due on 02.09.2025 Calibration on 30.05.2024 due on 30.05.2025				
Project/ Job number	SO Number: 3100280632 dated 19.07.2023				
Reference of Sampling	QF/LA/01B - 30.09.2024				
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	25.93	80 *	µg/m ³	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO ₂	30.75	80 *	µg/m ³	IS 5182 (Part 6) RA2022
3.	PM ₁₀	70.43	100 *	µg/m ³	IS 5182 (Part 23) RA2022
4.	PM _{2.5}	32.96	60 *	µg/m ³	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	<1.0	04 **	mg/m ³	IS 5182 (part 11) RA2019
6.	Ozone as O ₃	<32.0	180 **	µg/m ³	IS 5182 (part 9) RA2019
7.	Ammonia as NH ₃	312.28	400 *	µg/m ³	IS 5182 (part 25) RA 201*
8.	Benzofluorene as BbP	<0.5	01 ***	ng/m ³	IS 5182 (part 12) 2004
9.	Benzene as C ₆ H ₆	<0.8	05 ***	µg/m ³	IS 5182 (part 11) RA2022

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*Reshma*Reshma S. Patil
(Authorized Signatory)*Himani*Himani P. Joshi
(Report Reviewed By)

-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: aespl@aespl.co.in

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-24/10/62

Issue Date: 06/11/2024

Name of Customer & Contact Details	M/s. Lupin Limited, Tarapur, T-142, MIDC Industrial Area, District Palghar, Tarapur 401606 Maharashtra Mr. Arvind Pawar – 9823829245 Email: arvind.pawar@lupin.com				
Name of Site	Lupin Tarapur				
Discipline & Group	Chemical: Atmospheric Pollution				
Description of Sample	Ambient Air				
Location of Sampling	Near ETP Plant				
Date of Sampling	16/10/2024-17/10/2024				
Sampling Time	11:30 to 11:30 hr.	Duration	24 Hr.		
Sample Drawn By	Goldfinch	Transported By	Goldfinch		
Date of Sample Receipt	23/10/2024	Sample Identification	GFL/AA/24/10-110		
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	23/10/2024 to 06/11/2024				
Sampling Environmental Conditions	Temperature: 29-35°C; Rain fall: No; P.: 756 mmHg.				
Transportation Condition	Bottles < 5°C	Filter papers in plastic container	Bladder, charcoal tube at ambient temp.		
Sampling Equipment	GOLDFINCH/INST-HYS/74 GOLDFINCH/INST-ADS/42				
Calibration Status	Calibration on 02.09.2024 due on 02.09.2025 Calibration on 30.05.2024 due on 30.05.2025				
Project/ Job number	SO Number: 3100280632 dated 19.07.2023				
Reference of Sampling	OP/LA/01 B – 30.09.2024				
Method of Sampling & Preservation	OP/LA/13				
Environmental Condition while Testing	Ambient Temperature: 27°C and Humidity: 40%				
Sr. No.	Parameter	Result	Limit	Unit	Method of Analysis
10.	Lead as Pb	<0.5	1.0 *	ng/m ³	APHA Air method 822-3 rd Ed
11.	Nickel as Ni	5.24	2.0 ***	ng/m ³	APHA Air method 822-3 rd Ed
12.	Arsenic as As	<5.0	06 ***	ng/m ³	APHA Air method 302-3 rd 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.

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Reshma S. Patil

Reshma S. Patil
(Authorized Signatory)



Himani P. Joshi

Himani P. Joshi
(Report Reviewed By)

-End of Test Report-



QF/LA/10-A

Report Ref. No.: GFL/AA/R/24/11-148

Report Date: 30.11.2024

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra. Contact Person: Mr. Vipin Wada, Contact No: 9923876248			
Date of Sampling:	11.11.2024-12.11.2024	Sample Description:	Ambient
Sampling Time:	12.00Hrs-12.00Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near Main Gate
Sampling Plan:	QF/LA/01B- 30.10.2024	Sampling Conditions:	Temp: 33 °C Climate: Clear
Date of Receipt of Sample:	21.11.2024	Sample Code:	GFL/AA/24/11-148
Date of Analysis Started:	21.11.2024	Date of Analysis Completed:	30.11.2024
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: 30-60%			

Parameter	Results	Limits (µ)	Units	Sampling Method / Test Method
Particulate Matter PM ₁₀	72.16	100 ^a	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	33.47	60 ^a	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxide as SO ₂	34.85	80 ^a	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	34.40	80 ^a	µg/m ³	IS 5182 (Part-6):2008, Reaffirmed-2022
Ammonia as NH ₃	307.07	400 ^{aa}	µg/m ³	IS 5182 (Part-28):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.0	04 ^{aa}	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<33.00	180 ^{aa}	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I).
Sampling carried out using HVS GOLDFINCH/INST-HVS/74 Calibrated on: 02.09.2024 Calibration Due on: 02.09.2025		Sampling carried out using ADS GOLDFINCH/INST-ADS/43 Calibrated on: 30.08.2024 Calibration Due on: 30.08.2025		

[^a] Specified under National Ambient Air Quality Standards by CPCB:
[^a] 24 hourly monitoring values; [^{aa}] 1 hourly monitoring values; [^{aaa}] Annual monitoring values.

End of Report

For Goldfinch Laboratory
Analyzed by

Vaibhav Raut
Vaibhav Raut
Name & Sign

Reviewed by

Jaidip Patil
Jaidip Patil
Name & Sign
(BPM/TM)

Authorized by

Neha S. Arora
Neha S. Arora
Name & Sign
(Authorized Signatory TM/QM)

QF/LA/10-A

Report Ref. No.: GFL/AA/R/24/11-148

Report Date: 30.11.2024

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra. Contact Person: Mr. Vign Wade. Contact No: 992993246			
Date of Sampling:	11.11.2024-12.11.2024	Sample Description:	Ambient
Sampling Time:	12.00Hrs-12.00Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near Main Gate
Sampling Plan:	QF/LA/01B- 30.10.2024	Sampling Conditions:	Temp: 33 °C Climate: Clear
Date of Receipt of Sample:	21.11.2024	Sample Code:	GFL/AA/24/11-148
Date of Analysis Started:	21.11.2024	Date of Analysis Completed:	30.11.2024
Sample Quantity & Container: PM ₁₀ : 1 Paper, Charcoal Tube: 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: 30-60%			

Parameter	Results	Limits (#)	Unit	Sampling Method / Test Method
Lead as Pb	<0.05	1.0*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	<7.50	20*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	1.81	05*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzene	<1.8	05**	µg/m³	IS 5182 (Part-11):2008, Reaffirmed-2022
Benzo(a)pyrene	<0.09	01*	ng/m³	IS 5182 (Part-12):2004, Reaffirmed-2019
Sampling carried out using HVS GOLDFINCH/INST-HVS/76 Calibrated on: 02.05.2024 Calibration Due on: 02.05.2025		Sampling carried out using ADS GOLDFINCH/INST-ADS/43 Calibrated on: 30.05.2024 Calibration Due on: 30.05.2025		

[*] 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

Vaibhav Raut

Name & Sign

Reviewed by

Jaidip Patil

Name & Sign
(DTW/PM)

Authorized by

Neha S. Arte

Name & Sign
(Authorized Signatory TM/QM)

GOLDFINCH LABORATORY

(Department of Goldfinch Engineering Systems™ Private Limited)

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QF/LA/10-A

Report Ref. No.: GFL/AA/R/24/11-150

Report Date: 30.11.2024

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: 9823635245			
Date of Sampling:	14.11.2024-15.11.2024	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- 30.10.2024	Sampling Conditions:	Temp: 31 °C Climate: Clear
Date of Receipt of Sample:	21.11.2024	Sample Code:	GFL/AA/24/11-150
Date of Analysis Started:	21.11.2024	Date of Analysis Completed:	30.11.2024
Sample Quantity & Container:	SO ₂ :1 Bottle; NO _x : 1 Bottle; PM ₁₀ :1Paper; PM _{2.5} :1Paper; NH ₃ :1 Bottle; O ₃ :1 Bottle; Bladder:1, Charcoal Tube: 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: 30-60%			

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Particulate Matter PM ₁₀	69.44	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	31.77	60*	µg/m ³	IS 5182 (Part-24):2018
Sulphur Dioxide as SO ₂	31.88	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	32.88	80*	µg/m ³	IS 5182 (Part-3):2003, Reaffirmed-2022
Ammonia as NH ₃	316.13	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.0	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<33.00	180**	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Sampling carried out using HVS - GOLDFINCH HVS-74 Calibrated on: 01.09.2024 Calibration Due on: 02.09.2025				Sampling carried out using ADS GOLDFINCH HVS-74 Calibrated on: 30.06.2024 Calibration Due on: 30.06.2025

[*] 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

Vaibhav Raut

Vaibhav Raut

Name & Sign

Reviewed by

Jaidip Patil

Jaidip Patil

Name & Sign
(BPM/TM)

Authorized by

Neha S. Apte

Neha S. Apte

Name & Sign
(Authorized Signatory TM/QM)

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QC-NABET accredited EIA consultant
ISO 9001:2015 Certified Company
Certified by ISO 45001 - 2018

QF/LA/10-A

Report Ref. No.: GFL/AA/R/24/11-180

Report Date: 30.11.2024

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: 9823822245			
Date of Sampling:	14.11.2024-18.11.2024	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- 30.10.2024	Sampling Conditions:	Temp: 31 °C Climate: Clear
Date of Receipt of Sample:	21.11.2024	Sample Code:	GFL/AA/24/11-180
Date of Analysis Started:	21.11.2024	Date of Analysis Completed:	30.11.2024
Sample Quantity & Container:	PM ₁₀ : 1 Paper, Charcoal Tube: 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: 30-60%			

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Lead as Pb	<0.05	1.0*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	<7.60	20*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	1.02	06*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzene	<1.6	05**	µg/m³	IS 5182 (Part-11):2008, Reaffirmed-2022
Benzo(a)pyrene	<0.09	01*	ng/m³	IS 5182 (Part-12):2004, Reaffirmed-2019
Sampling carried out using HVS GOLDFINCHHST-HV274 Calibrated on: 02.06.2024 Calibration Due on: 02.06.2025			Sampling carried out using ADS GOLDFINCHHST-AD5443 Calibrated on: 30.06.2024 Calibration Due on: 30.06.2025	

[*] 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



Vaibhav Raut
Name & Sign

Reviewed by



Jaidip Pati

Name & Sign
(DR/TA)

Authorized by



Neha S. Apte.

Name & Sign
(Authorized Signatory TM/QM)

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QF/LA/10-A

Report Ref. No.: GFL/AA/R/24/11-149

Report Date: 30.11.2024

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: 9823826245			
Date of Sampling:	12.11.2024-13.11.2024	Sample Description:	Ambient
Sampling Time:	13.00Hrs-13.00Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near ETP Plant
Sampling Plan:	QF/LA/01B- 30.10.2024	Sampling Conditions:	Temp: 32 °C Climate: Clear
Date of Receipt of Sample:	21.11.2024	Sample Code:	GFL/AA/24/11-149
Date of Analysis Started:	21.11.2024	Date of Analysis Completed:	30.11.2024
Sample Quantity & Container:	SO ₂ :1 Bottle; NO _x :1 Bottle; PM ₁₀ :1Paper; PM _{2.5} :1Paper; NH ₃ :1 Bottle; O ₃ :1 Bottle; Bladder:1, Charcoal Tube: 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: 30-60%			

Parameters	Results	Limit* (#)	Units	Sampling Method / Test Method
Particulate Matter PM ₁₀	74.93	100 ^a	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	34.93	60 ^a	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxide as SO ₂	33.94	80 ^a	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	32.88	80 ^a	µg/m ³	IS 5182 (Part-8):2008, Reaffirmed-2022
Ammonia as NH ₃	301.22	400 ^{aa}	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.0	04 ^{aa}	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<33.00	180 ^{aa}	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Sampling carried out using HVB GOLDFINCH/ST-HVB/74 Calibrated on: 02.09.2024 Calibration Due on: 02.09.2025		Sampling carried out using AAS GOLDFINCH/ST-ADN/43 Calibrated on: 30.06.2024 Calibration Due on: 30.06.2025		

[^a] Specified under National Ambient Air Quality Standards by CPCB:
[^a] 24 hourly monitoring values; [^{aa}] 1 hourly monitoring values; [^{aa}] Annual monitoring values.

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

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut

Vaibhav Raut

Name & Sign

Reviewed by

Taidip Patil

Taidip Patil

Name & Sign
(DTM/TM)

Authorized by

Neha S. Arle

Neha S. Arle

Name & Sign
(Authorized Signatory TM/QM)

QF/LA/10-A

Report Ref. No.: GFL/AA/R/24/11-148

Report Date: 30.11.2024

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: 9823229345			
Date of Sampling:	12.11.2024-13.11.2024	Sample Description:	Ambient
Sampling Time:	13.00Hrs-13.00Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near ETP Plant
Sampling Plan:	QF/LA/01B- 30.10.2024	Sampling Conditions:	Temp: 32 °C Climate: Clear
Date of Receipt of Sample:	21.11.2024	Sample Code:	GFL/AA/24/11-149
Date of Analysis Started:	24.11.2024	Date of Analysis Completed:	30.11.2024
Sample Quantity & Container:	PM ₁₀ : 1 Paper, Charcoal Tube: 1.		
Transport Conditions:	Bottles < 5°C	Filter papers in plastic bag and container	Bladder, charcoal tube at ambient temp.
Environmental Condition while Testing :- Temperature: 28±2°C Humidity: 30-80%			

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Lead as Pb	<0.05	1.0*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	<7.80	20*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	1.07	05*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzene	<1.6	05**	µg/m³	IS 5182 (Part-11):2005, Reaffirmed-2022
Benzo(a)pyrene	<0.05	01*	ng/m³	IS 5182 (Part-12):2004, Reaffirmed-2019
Sampling carried out using HVS GOLDFINCH/INST-HVS/74 Calibrated on: 02.09.2024 Calibration Due on: 02.09.2025		Sampling carried out using ADS GOLDFINCH/INST-ADS/43 Calibrated on: 30.08.2024 Calibration Due on: 30.08.2025		

[*] 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

Raut

Vaidhar Raut

Name & Sign

Reviewed by

Patil

Taiship Patil

Name & Sign
(B/TM/TM)

Authorized by

Appte.

Neha S. Appte.

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(Authorized Signatory TM/QM)

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QF/LA/10-A

Report Ref. No.: GFL/AA/R/24/12-30

Report Date: 24.12.2024

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:	04.12.2024-05.12.2024	Sample Description:	Ambient
Sampling Time:	12.30Hrs-12.30Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near Main Gate
Sampling Plan:	QF/LA/01B- 30.11.2024	Sampling Conditions:	Temp: 25.5°C Climate: Clear
Date of Receipt of Sample:	13.12.2024	Sample Code:	GFL/AA/24/12-30
Date of Analysis Started:	18.12.2024	Date of Analysis Completed:	24.12.2024
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	70.42	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	33.35	80*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxide as SO ₂	20.28	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	8.77	80*	µg/m ³	IS 5182 (Part-6):2008, Reaffirmed-2022
Ammonia as NH ₃	314.37	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.0	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<39.0	180**	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Sampling carried out using HVS GOLDFINCH/INST-HV8/73 Calibrated on: 02.08.2024 Calibration Due on: 02.08.2026		Sampling carried out using ADS GOLDFINCH/INST-ADS/42 Calibrated on: 30.06.2024 Calibration Due on: 30.06.2026		

[#] 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

Vaibhav Raut

Name & Sign

Reviewed by

Jaidip Patil

Name & Sign
(DTM/TM)

Authorized by

Nela S. Aple.

Name & Sign
(Authorized Signatory TM/QM)

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QCI-NABET accredited EIA consultant
ISO 9001:2015 Certified Company
Certified by ISO 45001 - 2018

QF/LA/10-A

Report Ref. No.: GFL/AA/R/24/12-30

Report Date: 24.12.2024

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: 9823629245			
Date of Sampling:	04.12.2024-05.12.2024	Sample Description:	Ambient
Sampling Time:	12.30Hrs-12.30Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near Main Gate
Sampling Plan:	QF/LA/01B- 30.11.2024	Sampling Conditions:	Temp: 25.5°C Climate: Clear
Date of Receipt of Sample:	13.12.2024	Sample Code:	GFL/AA/24/12-30
Date of Analysis Started:	16.12.2024	Date of Analysis Completed:	24.12.2024
Sample Quantity & Container:	PM ₁₀ : 1 Paper, Charcoal Tube: 1 nos.		
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
Benzene	<1.00	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	6.26	20*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	0.32	05*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzo(a)pyrene	<0.01	01*	ng/m³	IS 5182 (Part-12):2004, Reaffirmed-2019
Sampling carried out using HVB GOLDFINCH/INST-HVB/73 Calibrated on: 30.06.2024 Calibration Due on: 30.06.2025		Sampling carried out using ADS GOLDFINCH/INST-ADS/43 Calibrated on: 30.06.2024 Calibration Due on: 30.06.2025		

[*] 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


Varkhar Raut

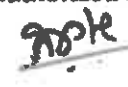
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Reviewed by


Jaidip Patil

Name & Sign
(DTM/TM)

Authorized by


Neha S. Apte

Name & Sign
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QF/LA/10-A

Report Ref. No.: GFL/AA/R/24/12-32

Report Date: 24.12.2024

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: 9823828345			
Date of Sampling:	09.12.2024-10.12.2024	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- 30.11.2024	Sampling Conditions:	Temp: 25 °C Climate: Clear
Date of Receipt of Sample:	13.12.2024	Sample Code:	GFL/AA/24/12-32
Date of Analysis Started:	18.12.2024	Date of Analysis Completed:	24.12.2024
Sample Quantity & Container:	SO ₂ :1 Bottle; NO _x :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	70.94	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	34.88	80*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxide as SO ₂	10.94	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	21.58	80*	µg/m ³	IS 5182 (Part-6):2008, Reaffirmed-2022
Ammonia as NH ₃	221.58	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	<33.00	180**	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Sampling carried out using HVS GOLDFINCH/HSST-HV8/73 Calibrated on: 02.08.2024 Calibration Due on: 02.08.2025		Sampling carried out using AD8 GOLDFINCH/HSST-AD8/42 Calibrated on: 30.08.2024 Calibration Due on: 30.08.2025		

[*] 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

Vaibhav Raut
Name & Sign

Reviewed by

Jaidip Patil
Name & Sign
(DFM/TM)

Authorized by

Neha S. Apte
Name & Sign
(Authorized Signatory TM/QM)

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ISO 9001:2015 Certified Company
Certified by ISO 45001 - 2018

QF/LA/10-A

Report Ref. No.: GFL/AA/R/24/12-32

Report Date: 24.12.2024

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra. Contact Person: Mr. Vigin Wade, Contact No: 9823829246			
Date of Sampling:	09.12.2024-10.12.2024	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- 30.11.2024	Sampling Conditions:	Temp: 25 °C Climate: Clear
Date of Receipt of Sample:	13.12.2024	Sample Code:	GFL/AA/24/12-32
Date of Analysis Started:	16.12.2024	Date of Analysis Completed:	24.12.2024
Sample Quantity & Container:	PM ₁₀ : 1 Paper, Charcoal Tube: 1 nos.		
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: 30-60%			

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Benzene	<1.60	05**	µg/m ³	IS 5182 (Part-11):2008, 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	8.03	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	<0.01	01*	ng/m ³	IS 5182 (Part-12):2004, Reaffirmed-2019
Sampling carried out using HVS GOLDFINCH/INST-HV873 Calibrated on: 02.09.2024 Calibration Due on: 02.09.2025			Sampling carried out using ADS GOLDFINCH/INST-AD843 Calibrated on: 30.06.2024 Calibration Due on: 30.06.2025	

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

End of Report

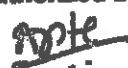
For Goldfinch Laboratory
Analyzed by


Vaibhav Raut
Name & Sign

Reviewed by


Jaldip Patil
Name & Sign
(BTL/TM)

Authorized by


Neha S. Arpit.
Name & Sign
(Authorized Signatory TM/QM)

GOLDFINCH LABORATORY

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QFLA/10-A

Report Ref. No.: GFL/AA/R/24/12-31

Report Date: 24.12.2024

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: 9823828246			
Date of Sampling:	06.12.2024-06.12.2024	Sample Description:	Ambient
Sampling Time:	14.30Hrs-14.30Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near ETP Plant
Sampling Plan:	QFLA/01B- 30.11.2024	Sampling Conditions:	Temp: 25 °C Climate: Clear
Date of Receipt of Sample:	13.12.2024	Sample Code:	GFL/AA/24/12-31
Date of Analysis Started:	16.12.2024	Date of Analysis Completed:	24.12.2024
Sample Quantity & Container:	SO ₂ :1 Bottle; NO _x :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: 30-60%			

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Particulate Matter PM ₁₀	71.96	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	32.22	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxide as SO ₂	19.18	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	21.43	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	318.97	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	<33.00	180**	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Sampling carried out using HVS GOLDFINCHINST-HVS/73 Calibrated on: 02.09.2024 Calibration Due on: 02.09.2025		Sampling carried out using ADS GOLDFINCHINST-ADS/43 Calibrated on: 30.06.2024 Calibration Due on: 30.06.2025		

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

End of Report

For Goldfinch Laboratory
Analyzed by

Vaibhav Raut

Vaibhav Raut
Name & Sign

Reviewed by

Taiship Patil

Taiship Patil

Name & Sign
(B-FW/TM)

Authorized by

Neha S. Apte

Neha S. Apte

Name & Sign
(Authorized Signatory T&QM)

QF/LA/10-A**Report Ref. No.: GFL/AA/R/24/12-31****Report Date: 24.12.2024****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:	05.12.2024-08.12.2024	Sample Description:	Ambient
Sampling Time:	14.30Hrs-14.30Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near ETP Plant
Sampling Plan:	QF/LA/01B- 30.11.2024	Sampling Conditions:	Temp: 25 °C Climate: Clear
Date of Receipt of Sample:	13.12.2024	Sample Code:	GFL/AA/24/12-31
Date of Analysis Started:	16.12.2024	Date of Analysis Completed:	24.12.2024
Sample Quantity & Container:	PM ₁₀ : 1 Paper, Charcoal Tube: 1 nos.		
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
Benzene	<1.00	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	<7.50	20*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-b)
Arsenic as As	0.38	08*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-b)
Benzo(a)pyrene	<0.01	01*	ng/m³	IS 5182 (Part-12):2004, Reaffirmed-2019
Sampling carried out using HVS GOLDFINCH/INST-HV8/73 Calibrated on: 30.08.2024 Calibration Due on: 02.09.2025				Sampling carried out using ADS GOLDFINCH/INST-ADS/42 Calibrated on: 30.08.2024 Calibration Due on: 30.08.2025

[*] 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
Vaibhav Raut
Name & Sign**Reviewed by**
Jaidip Patil
Name & Sign
(DTM/PM)**Authorized by**
Neha S Apte
Name & Sign
(Authorized Signatory TIA/QM)



QF/LA/10-A

Report Ref. No.: GFLAAR/25/01-110

Report Date: 28.01.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/B Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra.			
Contact Person: Mr. Vipin Wade, Contact No: 9823829245			
Date of Sampling:	08.01.2025-09.01.2025	Sample Description:	Ambient
Sampling Time:	14.40Hrs-14.40Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near Main Gate
Sampling Plan:	QF/LA/01B- 30.12.2024	Sampling Conditions:	Temp: 27°C Climate: Clear
Date of Receipt of Sample:	18.01.2025	Sample Code:	GFLAAR/25/01-110
Date of Analysis Started:	20.01.2025	Date of Analysis Completed:	27.01.2025
Sample Quantity & Container:	SO ₂ : 1 Bottle; NO ₂ : 1 Bottle; PM ₁₀ : 1 Paper; PM _{2.5} : 1 Paper; 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	71.49	100 ^u	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	34.89	60 ^u	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxide as SO ₂	21.01	80 ^u	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxide of Nitrogen as NO _x	31.33	80 ^u	µg/m ³	IS 5182 (Part-6):2003, Reaffirmed-2022
Ammonia as NH ₃	218.05	400 ^u	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04 ^u	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<33.00	180 ^u	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)

Sampling carried out using HVS GOLDFINCH/INST-HVS/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025	Sampling carried out using ADS GOLDFINCH/INST-ADS/78 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025
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[#] Specified under National Ambient Air Quality Standards by CPCB:
[^u] 24 hourly monitoring values; [^h] 1 hourly monitoring values; [^u] Annual monitoring values.

End of Report

For Goldfinch Laboratory
Analyzed by

Vaibhav Raut

Vaibhav Raut
Name & Sign

Reviewed by

Daridip Patil

Daridip Patil

Name & Sign
(DFM/TM)

Authorized by

Neha S. Apte

Neha S. Apte

Name & Sign
(Authorized Signatory TM/QM)

GOLDFINCH LABORATORY

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Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com

QCI-NABET accredited EIA consultant
rev 5001:2015 Certified Company
Certified by ISO 45001 - 2018

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/01-110

Report Date: 28.01.2025

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:	08.01.2025-09.01.2025	Sample Description:	Ambient
Sampling Time:	14.40Hrs-14.40Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near Main Gate
Sampling Plan:	QF/LA/01B- 30.12.2024	Sampling Conditions:	Temp: 27°C Climate: Clear
Date of Receipt of Sample:	18.01.2025	Sample Code:	GFL/AA/25/01-110
Date of Analysis Started:	20.01.2025	Date of Analysis Completed:	27.01.2025
Sample Quantity & Container:	PM₁₀: 1 Paper, Charcoal Tube: 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
Benzene	<1.60	05**	µg/m³	IS 5182 (Part-11):2006 Reaffirmed-2022
Lead as Pb	0.09	1.0*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	<7.50	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/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025	Sampling carried out using ADS GOLDFINCH/INST-ADS/75 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025
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[*] 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


Vaibhav Raut
Name & Sign

Reviewed by


Jaidip Patil
Name & Sign
(BQM/TRM)

Authorized by


Neha S. Apte
Name & Sign
(Authorized Signatory TQM/QM)

GOLDFINCH LABORATORY

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Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com



QF/LA/10-A

Report Ref. No.: GFLAA/R/28/01-112

Report Date: 28.01.2025

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: 9823829248			
Date of Sampling:	10.01.2025-11.01.2025	Sample Description:	Ambient
Sampling Time:	09.50Hrs-09.50Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near DG room
Sampling Plan:	QF/LA/01B- 30.12.2024	Sampling Conditions:	Temp: 28°C Climate: Clear
Date of Receipt of Sample:	18.01.2025	Sample Code:	GFLAA/R/28/01-112
Date of Analysis Started:	20.01.2025	Date of Analysis Completed:	27.01.2025
Sample Quantity & Container:	SO ₂ : 1 Bottle; NO ₂ : 1 Bottle; PM ₁₀ : 1 Paper; PM _{2.5} : 1 Paper; 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: 23-2°C Humidity: 30-80%			

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Particulate Matter PM ₁₀	74.23	100*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	30.88	60*	µg/m³	IS 5182 (Part-24):2019
Sulphur Dioxide as SO ₂	12.88	80*	µg/m³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NOx	34.63	80*	µg/m³	IS 5182 (Part-8):2008, Reaffirmed-2022
Ammonia as NH ₃	315.30	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	<33.00	180**	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Sampling carried out using HVS GOLDFINCH/INST-HVS/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025				Sampling carried out using ADG GOLDFINCH/INST-ADG/78 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

Vaibhav Raut
Vaibhav Raut
Name & Sign

Reviewed by

Taidip Pati
Taidip Pati
Name & Sign
(BPM/TM)

Authorized by

Neha S. Aptk.
Neha S. Aptk.
Name & Sign
(Authorized Signatory TM/QM)

GOLDFINCH LABORATORY

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ISO 9001:2015 Certified Company
Certified by ISO 45001 - 2018

QF/LA/10-A

Report Ref. No.: GFLA/R/26/01-112

Report Date: 26.01.2025

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:	10.01.2025-11.01.2025	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- 30.12.2024	Sampling Conditions:	Temp: 28°C Climate: Clear
Date of Receipt of Sample:	18.01.2025	Sample Code:	GFLA/R/26/01-112
Date of Analysis Started:	20.01.2025	Date of Analysis Completed:	27.01.2025
Sample Quantity & Container:	PM ₁₀ : 1 Paper; Charcoal Tube: 1..		
Transport Conditions:	Bottles < 5°C	Filler 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
Benzene	<1.60	08**	µg/m³	IS 5182 (Part-11):2006 Reaffirmed-2022
Lead as Pb	0.10	1.0*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	<7.50	20*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<0.30	08*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzo(a)pyrene	<0.05	01*	ng/m³	GFL/GCMS/SOP-04
Sampling carried out using HVS GOLDFINCH/INST-HVS/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025			Sampling carried out using ADS GOLDFINCH/INST-ADS/73 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

Vaibhav Raut

Name & Sign

Reviewed by

Jaldip Padil

Name & Sign
(BTM/TM)

Authorized by

Neha S. Apk

Name & Sign
(Authorized Signatory TM/QM)

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QF/LA/10-A

Report Ref. No.: GFL/AA/R/28/01-111

Report Date: 28.01.2025

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: 9823828245			
Date of Sampling:	13.01.2025-14.01.2025	Sample Description:	Ambient
Sampling Time:	11.10Hrs-11.10Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near ETP Plant
Sampling Plan:	QF/LA/01B- 30.12.2024	Sampling Conditions:	Temp: 28°C Obsvts: Clear
Date of Receipt of Sample:	18.01.2025	Sample Code:	GFL/AA/28/01-111
Date of Analysis Started:	20.01.2025	Date of Analysis Completed:	27.01.2025
Sample Quantity & Container:	SO ₂ : 1 Bottle; NO _x : 1 Bottle; PM ₁₀ : 1 Paper; PM _{2.5} : 1 Paper; 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: 30-50%			

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Particulate Matter PM ₁₀	69.37	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	32.63	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxide as SO ₂	17.63	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	39.23	80*	µg/m ³	IS 5182 (Part-6):2008, Reaffirmed-2022
Ammonia as NH ₃	265.36	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	<33.00	180**	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Sampling carried out using HVS GOLDFINCHINST-HVS/74		Sampling carried out using ADS GOLDFINCHINST-ADS/78		
Calibrated on: 03.12.2024		Calibrated on: 03.12.2024		
Calibration Due on: 03.12.2025		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

Vaibhav Raut
Vaibhav Raut
Name & Sign

Reviewed by

Taidip Patil
Taidip Patil
Name & Sign
(DTM/TM)

Authorized by

Neha S. Apte
Neha S. Apte.
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(Authorized Signatory TM/QM)

GOLDFINCH LABORATORY

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Certified by ISO 45001 - 2018

QF/LA/10-A

Report Ref. No.: GFL/AAR/28/01-111

Report Date: 28.01.2025

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: 9623829245			
Date of Sampling:	13.01.2025-14.01.2025	Sample Description:	Ambient
Sampling Time:	11.10Hrs-11.10Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near ETP Plant
Sampling Plan:	QF/LA/01B- 30.12.2024	Sampling Conditions:	Temp: 26°C Climate: Clear
Date of Receipt of Sample:	16.01.2025	Sample Code:	GFL/AAR/28/01-111
Date of Analysis Started:	20.01.2025	Date of Analysis Completed:	27.01.2025
Sample Quantity & Container:	PM ₁₀ : 1 Paper, Charcoal Tube: 1..		
Transport Conditions:	Bottles < 5°C	Filter papers in plastic bag and container	Bladder, charcoal tube at ambient temp.
Environmental Condition while Testing :- Temperature: 26±2°C Humidity: 30-50%			

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Benzene	<1.60	05**	µg/m³	IS 5182 (Part-11):2006 Reaffirmed-2022
Lead as Pb	0.10	1.0*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	8.04	20*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<0.30	05*	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/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		Sampling carried out using ADS GOLDFINCH/INST-ADS/78 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


Vaibhav Raut
Name & Sign

Reviewed by


Taidip Patti
Name & Sign
(BPM/TM)

Authorized by


Neha S. Apte.
Name & Sign
(Authorized Signatory TM/QM)

GOLDFINCH LABORATORY

(Department of Goldfinch Engineering Systems™ Private Limited)

Plot No. A-288, Road No. 15 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,
MDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.
Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8087089007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com



QF/LA/10-A

Report Ref. No.: GFLAA/R/25/02-38

Report Date: 25.02.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra. Contact Person: Mr. Vipin Wada, Contact No: 9823829245			
Date of Sampling:	06.02.2025-07.02.2025	Sample Description:	Ambient
Sampling Time:	12.30Hrs-12.30Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near Main Gate
Sampling Plan:	QF/LA/01B- 30.01.2025	Sampling Conditions:	Temp: 27°C Climate: Clear
Date of Receipt of Sample:	17.02.2025	Sample Code:	GFLAA/25/02-38
Date of Analysis Started:	17.02.2025	Date of Analysis Completed:	25.02.2025
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	75.74	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	36.67	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxide as SO ₂	51.22	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	25.19	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	108.40	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	47.77	180**	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Sampling carried out using HVS GOLDFINCHINST-HV8/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		Sampling carried out using ADS GOLDFINCHINST-ADSM3 Calibrated on: 30.06.2024 Calibration Due on: 30.06.2025		

[*] 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

Raut

Vaibhav Raut

Name & Sign

Reviewed by

Patil

Taiship Patil

Name & Sign
(DTM/TM)

Authorized by

Appte

Neha S. Appte

Name & Sign
(Authorized Signatory TM/QM)

QF/LA/10-A**Report Date: 26.02.2025****Report Ref. No.: GFL/AA/R/25/02-38****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: 9823828246			
Date of Sampling:	06.02.2025-07.02.2025	Sample Description:	Ambient
Sampling Time:	12.30Hrs-12.30Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near Main Gate
Sampling Plan:	QF/LAD1B- 30.01.2025	Sampling Conditions:	Temp: 27°C Climate: Clear
Date of Receipt of Sample:	17.02.2025	Sample Code:	GFL/AA/25/02-38
Date of Analysis Started:	17.02.2025	Date of Analysis Completed:	25.02.2025
Sample Quantity & Container: PM ₁₀ : 1 Paper, Charcoal Tube: 1..			
Transport Conditions:	Bottles < 5°C	Filter papers in plastic bag and container	Bladder, charcoal tube at ambient temp.
Environmental Condition while Testing :- Temperature: 26±2°C Humidity: 30-60%			

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Benzene	<2.60	05**	µg/m³	IS 5182 (Part-11):2006 Reaffirmed-2022
Lead as Pb	0.09	1.0*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	<7.50	20*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	0.95	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 GOLDFINCHINST-HVS/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025			Sampling carried out using ADS GOLDFINCHINST-ADS43 Calibrated on: 30.08.2024 Calibration Due on: 30.08.2025	

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

End of ReportFor Goldfinch Laboratory
Analyzed by

Vaibhav Raut
 Name & Sign

Reviewed by


Jaichip Pati
 Name & Sign
 (DTR/TM)

Authorized by


Neha S. Apte.
 Name & Sign
 (Authorized Signatory TM/QM)

GOLDFINCH LABORATORY

(Department of Goldfinch Engineering Systems™ Private Limited)

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Tel No. : 91-022-2580 1346 / 9920099829 / 7208579134 / 8097083007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com



QFLA/10-A

Report Ref. No.: GFLAA/R/26/02-40

Report Date: 26.02.2026

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: 9823828245			
Date of Sampling:	10.02.2025-11.02.2025	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:	QFLA/01B- 30.01.2025	Sampling Conditions:	Temp: 26°C Climate: Clear
Date of Receipt of Sample:	17.02.2025	Sample Code:	GFLAA/26/02-40
Date of Analysis Started:	17.02.2025	Date of Analysis Completed:	25.02.2025
Sample Quantity & Container:	SO ₂ :1 Bottle; NO _x :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	67.44	100*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	33.40	60*	µg/m³	IS 5182 (Part-24):2019
Sulphur Dioxide as SO ₂	22.64	60*	µg/m³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	15.67	80*	µg/m³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	109.73	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	<33.00	180**	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Sampling carried out using HVS GOLDFINCH/ST-HVS/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		Sampling carried out using ADS GOLDFINCH/ST-ADM/42 Calibrated on: 30.04.2024 Calibration Due on: 30.04.2025		

[*] 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


Vaibhav Raut
Name & Sign

Reviewed by


Jaidip Patil
Name & Sign
(DP/STB)

Authorized by


Neha S. Aptre.
Name & Sign
(Authorized Signatory TM/QM)

GOLDFINCH LABORATORY

(Department of Goldfinch Engineering Systems™ Private Limited)

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QCI-NABET accredited EIA consultant
ISO 9001:2015 Certified Company
Certified by ISO 43001 - 2024

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/02-40

Report Date: 26.02.2025

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:	10.02.2025-11.02.2025	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:	QFLA01B- 30.01.2025	Sampling Conditions:	Temp: 25°C Climate: Clear
Date of Receipt of Sample:	17.02.2025	Sample Code:	GFL/AA/25/02-40
Date of Analysis Started:	17.02.2025	Date of Analysis Completed:	25.02.2025
Sample Quantity & Container:	PM ₁₀ : 1 Paper, Charcoal Tube: 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: 30-60%			

Parameters	Results	Limits (#)	Units	Sampling Method / Test Method
Benzene	<2.50	05 ^{***}	µg/m ³	IS 5182 (Part-11):2006 Reaffirmed-2022
Lead as Pb	0.09	1.0 [*]	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	<7.50	20 [*]	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	0.72	05 [*]	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzo(a)pyrene	<0.05	01 [*]	ng/m ³	GFL/GCMS/SOP-04
Sampling carried out using HVS GOLDFINCH/INST-HVS/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		Sampling carried out using ADS GOLDFINCH/INST-ADS/42 Calibrated on: 30.08.2024 Calibration Due on: 30.08.2025		

[*] 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


Vaibhav Raut
Name & Sign

Reviewed by


Jaidip Podd
Name & Sign
(DTM/CM)

Authorized by


Neha S. Arte
Name & Sign
(Authorized Signatory TM/QM)

GOLDFINCH LABORATORY

(Department of Goldfinch Engineering Systems™ Private Limited)

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QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/02-38

Report Date: 28.02.2025

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:	07.02.2025-08.02.2025	Sample Description:	Ambient
Sampling Time:	13.30Hrs-13.30Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near ETP Plant
Sampling Plan:	QF/LA/01B- 30.01.2025	Sampling Conditions:	Temp: 27°C Climate: Clear
Date of Receipt of Sample:	17.02.2025	Sample Code:	GFL/AA/25/02-38
Date of Analysis Started:	17.02.2025	Date of Analysis Completed:	25.02.2025
Sample Quantity & Container:	SO ₂ :1 Bottle; NO _x :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	73.54	100*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	31.47	80*	µg/m³	IS 5182 (Part-24):2019
Sulphur Dioxide as SO ₂	31.53	80*	µg/m³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	20.79	80*	µg/m³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	182.82	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	<33.00	180**	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Sampling carried out using HVS GOLDFINCH/INST-HVS/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		Sampling carried out using ADS GOLDFINCH/INST-ADS/42 Calibrated on: 30.08.2024 Calibration Due on: 30.08.2025		

[*] 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

Vaibhav Raut
Name & Sign

Reviewed by

Jaidip Patil
Name & Sign
(BTH/TM)

Authorized by

Neha S. Apte.
Name & Sign
(Authorized Signatory TMOU)

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/02-38

Report Date: 26.02.2025

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: 9823829248			
Date of Sampling:	07.02.2025-08.02.2025	Sample Description:	Ambient
Sampling Time:	13.30Hrs-13.30Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near ETP Plant
Sampling Plan:	QF/LA/01B- 30.01.2025	Sampling Conditions:	Temp: 27°C Climate: Clear
Date of Receipt of Sample:	17.02.2025	Sample Code:	GFL/AA/25/02-38
Date of Analysis Started:	17.02.2025	Date of Analysis Completed:	25.02.2025
Sample Quantity & Container:	PM ₁₀ : 1 Paper; Charcoal Tube: 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
Benzene	<2.50	05**	µg/m³	IS 5182 (Part-11):2008 Recalibrated-2022
Lead as Pb	0.09	1.0*	µg/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	<7.50	20*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	0.41	06*	ng/m³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Benzo(a)pyrene	<0.08	01*	ng/m³	GFL/GCMS/SOP-04
Sampling carried out using HVS GOLDFINCH/INST-HVS/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025			Sampling carried out using ADS GOLDFINCH/INST-ADS/42 Calibrated on: 30.05.2024 Calibration Due on: 30.05.2025	

[*] 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


Vaibhav Raut
Name & Sign

Reviewed by


Jaidip Pati
Name & Sign
(BTM/TM)

Authorized by


Neha S. Apte.
Name & Sign
(Authorized Signatory TM/QM)

**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: nglab@aespl.co.in
 Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

**Test Report
(Ambient Air)**

Ref. No.: AESPL/LAB/C/A-25/03/63

Issue Date: 21/03/2025

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	03/03/2025-04/03/2025				
Sampling Time	10:00 to 10:00 hr.	Duration	24 Hr.		
Sample Drawn By	Goldfinch	Transported By	Goldfinch		
Date of Sample Receipt	12/03/2025	Sample Identification	GFL/AA/25/03-56		
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	12/03/2025 to 20/03/2025				
Sampling Environmental Conditions	Temperature:28-33°C; Rain fall: No; P _{atm} : 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	16.96	80 *	µg/m ³	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO ₂	20.22	80 *	µg/m ³	IS 5182 (Part 6) RA2022
3.	PM ₁₀	72.75	100 *	µg/m ³	IS 5182 (Part 23) RA2022
4.	PM _{2.5}	31.77	60 *	µg/m ³	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	<1.0	04 **	mg/m ³	IS 5182 (part 11) RA2019
6.	Ozone as O ₃	18.6	180 **	µg/m ³	IS 5182 (part 9) RA2019
7.	Ammonia as NH ₃	150.4	400 *	µg/m ³	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m ³	IS 5182 (part 12) 2004
9.	Benzene as C ₆ H ₆	<0.2	05 ***	µg/m ³	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)

*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 24.04.2025

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: ngleb@aespl.co.in

Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

**Test Report
(Ambient Air)**

Ref. No.: AESPL/LAB/C/ A-25/03/63A

Issue Date: 21/03/2025

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	: 03/03/2025-04/03/2025				
Sampling Time	: 10:00 to 10:00 hr.	Duration	: 24 Hr.		
Sample Drawn By	: Goldfinch	Transported By	: Goldfinch		
Date of Sample Receipt	: 12/03/2025	Sample Identification	: GFL/AA/25/03-56		
Sample Quantity & Container	: PM ₁₀ -1				
Date of Sample Analysis	: 12/03/2025 to 20/03/2025				
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 822-3 rd Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m³	APHA Air method 822-3 rd Ed
12.	Arsenic as As	< 5.0	06***	ng/m³	APHA Air method 302-3 rd 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
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-25/03/61

Issue Date: 21/03/2025

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	10/03/2025-11/03/2025				
Sampling Time	10:00 to 10:00 hr.	Duration	24 Hr.		
Sample Drawn By	Goldfinch	Transported By	Goldfinch		
Date of Sample Receipt	12/03/2025	Sample Identification	GFL/AA/25/03-58		
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	12/03/2025 to 20/03/2025				
Sampling Environmental Conditions	Temperature:28-33°C Rain fall: No P _{atm} : 754 mmHg.				
Transportation Condition	Bottles < 5°C	Filter papers in plastic container	Bladder, charcoal tube at ambient temp.		
Sampling Equipment	GOLDFINCH/INST-4VS/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	12.41	80 *	µg/m ³	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO ₂	17.58	80 *	µg/m ³	IS 5182 (Part 6) RA2022
3.	PM ₁₀	69.14	100 *	µg/m ³	IS 5182 (Part 23) RA2022
4.	PM _{2.5}	27.14	60 *	µg/m ³	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	<1.0	04 **	mg/m ³	IS 5182 (part 11) RA2019
6.	Ozone as O ₃	16.4	180 **	µg/m ³	IS 5182 (part 9) RA2019
7.	Ammonia as NH ₃	55.8	400 *	µg/m ³	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m ³	IS 5182 (part 12) 2004
9.	Benzene as C ₆ H ₆	<0.2	05 ***	µg/m ³	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)*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 24.04.2025

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: nglah@aespl.co.in

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-25/03/61A

Issue Date: 31/03/2025

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	10/03/2025-11/03/2025				
Sampling Time	10:00 to 10:00 hr.	Duration	24 Hr.		
Sample Drawn By	Goldfinch	Transported By	Goldfinch		
Date of Sample Receipt	12/03/2025	Sample Identification	GFL/AA/ 25/03-58		
Sample Quantity & Container	PM ₁₀ -1				
Date of Sample Analysis	12/03/2025 to 20/03/2025				
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 822-3 rd Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m³	APHA Air method 822-3 rd Ed
12.	Arsenic as As	< 5.0	06***	ng/m³	APHA Air method 302-3 rd 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.

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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)



Rashma

Rashma 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



Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-25/03/62

Issue Date: 21/03/2025

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	07/03/2025-08/03/2025				
Sampling Time	10:00 to 10:00 hr.		Duration	24 Hr.	
Sample Drawn By	Goldfinch		Transported By	Goldfinch	
Date of Sample Receipt	12/03/2025		Sample Identification	GFI/AA/25/03-57	
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	12/03/2025 to 20/03/2025				
Sampling Environmental Conditions	Temperature:28-33°C; Rain fall: No; P _{max} : 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	13.74	80 *	µg/m ³	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO ₂	19.25	80 *	µg/m ³	IS 5182 (Part 6) RA2022
3.	PM ₁₀	74.89	100 *	µg/m ³	IS 5182 (Part 23) RA2022
4.	PM _{2.5}	30.6	60 *	µg/m ³	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	<1.0	04 **	mg/m ³	IS 5182 (part 11) RA2019
6.	Ozone as O ₃	18.2	180 **	µg/m ³	IS 5182 (part 9) RA2019
7.	Ammonia as NH ₃	329.2	400 *	µg/m ³	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	<0.5	01 ***	ng/m ³	IS 5182 (part 12) 2004
9.	Benzene as C ₆ H ₆	<0.2	05 ***	µg/m ³	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.

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Hirani

Hirani P. Joshi.
(Report Reviewed By)



R. S. Patil

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: nsrlab@aespl.co.in

Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

**Test Report
(Ambient Air)**

Ref. No.: AESPL/LAB/C/ A-25/03/62A

Issue Date: 21/03/2025

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	07/03/2025-08/03/2025				
Sampling Time	10:00 to 10:00 hr.	Duration	24 Hr.		
Sample Drawn By	Goldfinch	Transported By	Goldfinch		
Date of Sample Receipt	12/03/2025	Sample Identification	GFL/AA/25/03-57		
Sample Quantity & Container	PM ₁₀ -1				
Date of Sample Analysis	12/03/2025 to 20/03/2025				
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/m ³	APHA Air method 822-3 rd Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m ³	APHA Air method 822-3 rd Ed
12.	Arsenic as As	< 5.0	06***	ng/m ³	APHA Air method 302-3 rd 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.

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Himani P. Joshi
(Report Reviewed By)Reshma S. Patil
(Authorized Signatory)

-End of Test Report-

ANNEXURE-3

(Analysis Report of Ambient Noise)



GOLDFINCH LABORATORY

(Department of Goldfinch Engineering Systems™ Private Limited)

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. : 91-022-2380 1546 / 9920088829 / 7208579136 / 8087093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com



QF/LA/10-C

Report Ref. No.: GFL/AN/R/24/11-180 TO 182

Report Date: 30.11.2024

Analysis Test Report for Ambient Noise Level Survey

Name of the Industry: M/S Lupin Limited, Tarapur MIDC, Tarapur, Maharashtra. Contact Person: Mr. Vinay Wade, Contact No: 9323628245			
Date of Sampling:	12.11.2024-19.11.2024	Sample Description:	Ambient Noise
Day Time Sampling:	08.00 Hrs -22.00 Hrs	Sample Collected by:	Laboratory
Night Time Sampling:	22.00 Hrs-09.00 Hrs.	Date of Receipt of Sample:	21.11.2024
Sampling Plan:	QF/LA/01 B - 30.10.2024	Sampling Conditions:	Ambient Temp: 27°C Climate: Clear
Frequency Weighting:	A	Time Weighting:	Fast
Date of Analysis Started:	28.11.2024	Date of Analysis Completed:	28.11.2024
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/24/11-180	Near Main Gate	57.0	55.2	IS 9899-1981 Reaffirmed 2023
GFL/AN/24/11-181	Near ETP	61.8	54.8	
GFL/AN/24/11-182	Near DG Area	64.1	55.0	
M.P.C.B. Limit		75	70	
Survey carried out using dB meter Sr.No. GOLDFINCH/ST- DB Meter/79 Calibrated On: 02.10.2024 Calibration due: 01.10.2025				

End of Report

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut
Vaibhav Raut
Name & Sign

Reviewed by

Jaidip Patil
Jaidip Patil
Name & Sign
(BTR/TR)

Authorized by

Neha S. Apte
Neha S. Apte
Name & Sign
(Authorized Signatory TIK/QM)

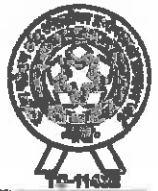
GOLDFINCH LABORATORY

(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 / 8087099007

Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com



QF/LA/10-C

Report Ref. No.: GFL/AN/R/24/12-59 TO 61

Report Date: 24.12.2024

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: 9623828245			
Date of Sampling:	04.12.2024-08.12.2024	Sample Description:	Ambient Noise
Day Time Sampling:	08.00 Hrs -22.00 Hrs	Sample Collected by:	Laboratory
Night Time Sampling:	22.00 Hrs-08.00 Hrs.	Date of Receipt of Sample:	16.12.2024
Sampling Plan:	QF/LA/01 B - 30.11.2024	Sampling Conditions:	Ambient Temp: 33°C Climate: Clear
Frequency Weighting:	A	Time Weighting:	Fast
Date of Analysis Started:	23.12.2024	Date of Analysis Completed:	23.12.2024
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/24/12-59	Near Main Gate	65.3	61.7	IS 9869-1981 Reaffirmed 2023
GFL/AN/24/12-60	Near ETP	71.4	68.7	
GFL/AN/24/12-61	Near DG Area	65.8	61.2	
M.P.C.B. Limit		75	70	
Survey carried out using dB meter Sr.No. GOLDFINCHINST- DB Meter /50 Calibrated On: 02.10.2024 Calibration due: 01.10.2025				

End of Report

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut

Vaibhav Raut

Name & Sign

Reviewed by

Taldeep Patil

Taldeep Patil

Name & Sign
(BTL/TTL)

Authorized by

Neha S. Apt.

Neha S. Apt.

Name & Sign
(Authorized Signatory TM/QM)

**QF/LA/10-C****Report Ref. No.: GFL/AN/R/25/01-138 TO 140****Report Date: 28.01.2025****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:	08.01.2025, 10.01.2025 & 13.01.2025	Sample Description:	Ambient Noise
Day Time Sampling:	08.00 Hrs -22.00 Hrs	Sample Collected by:	Laboratory
Night Time Sampling:	22.00 Hrs-08.00 Hrs.	Date of Receipt of Sample:	18.01.2025
Sampling Plan:	QFLA/01 B - 30.12.2024	Sampling Conditions:	Ambient Temp: 30°C Climate: Clear
Frequency Weighting:	A	Time Weighting:	Fast
Date of Analysis Started:	24.01.2025	Date of Analysis Completed:	24.01.2025
Transport Conditions: Noise meter and datasheets safely kept in bag and transported to laboratory			
Environmental Condition while Testing: - Temperature : 26 ± 2°C Humidity : 30-80%			

Ambient Noise Level				Sampling Method / Test Method
Sample Code No.-	Location	Day dB(A)	Night dB(A)	
GFL/AN/25/01-138	Near Main Gate	63.5	58.9	IS 9989-1981 Reaffirmed 2023
GFL/AN/25/01-139	Near ETP	59.2	55.9	
GFL/AN/25/01-140	Near DG Area	71.4	58.6	
M.P.C.B. Limit		75	70	

Survey carried out using dB meter
Sr.No. GOLDFINCH/NT- DB Meter /00
Calibrated On: 02.10.2024
Calibration due: 01.10.2025

End of Report**For Goldfinch Laboratory****Analyzed by**

Vaibhav Raut
Vaibhav Raut
Name & Sign

Reviewed by

Taidip Patil
Taidip Patil
Name & Sign
(D-FM/TM)

Authorized by

Neha S. Apte
Neha S. Apte
Name & Sign
(Authorized Signatory T/M/QM)

GOLDFINCH LABORATORY

(Department of Goldfinch Engineering Systems™ Private Limited)

Plot No. A-28B, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,

MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.

Tel No. : 91-022-2540 1545 / 91-022-25425 / 7308279136 / 8097083007

Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com



QF/LA/10-C

Report Ref. No.: GFL/AN/R/25/02-67 TO 69

Report Date: 21.02.2025

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:	06.02.2025, 07.02.2025 & 10.02.2025	Sample Description:	Ambient Noise
Day Time Sampling:	08.00 Hrs -22.00 Hrs	Sample Collected by:	Laboratory
Night Time Sampling:	22.00 Hrs-06.00 Hrs.	Date of Receipt of Sample:	16.02.2025
Sampling Plan:	QF/LA/01 B - 30.01.2025	Sampling Conditions:	Ambient Temp: 30°C Climate: Clear
Frequency Weighting:	A	Time Weighting:	Fast
Date of Analysis Started:	21.02.2025	Date of Analysis Completed:	21.02.2025
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/25/02-67	Near Main Gate	84.3	55.9	IS 9969-1981 Reaffirmed 2023
GFL/AN/25/02-68	Near ETP	70.4	66.7	
GFL/AN/25/02-69	Near DG Area	62.1	66.3	
M.P.C.B. Limit		76	70	

Survey carried out using dB meter
Sr.No. GOLDFINCHINST- DB Meter /80
Calibrated On: 03.10.2024
Calibration due: 01.10.2025

End of Report

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut
Vaibhav Raut
Name & Sign

Reviewed by

Jaidip Patil
Jaidip Patil
Name & Sign
(DFIN/TM)

Authorized by

Ncha S. Apte
Ncha S. Apte
Name & Sign
(Authorized Signatory TM/Q&I)



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: nglab@aespl.co.in

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-25/03/07 to 09

Issue Date: 21/03/2025

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	04/03/2025 - 07/03/2025	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	12/03/2025	Sample Identification	GFL/AN/25/03-83 GFL/AN/25/03-84 GFL/AN/25/03-85
Environmental Condition	Climate: Clear	Ambient Temp: 32°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: 9100280632 dated 19.07.2023		
Reference of Sampling	QF/LA/01 B - 30.09.2024		
Method of Sampling	IS 9989:2023		

Sr. No.	Location	Noise Day Time dB(A)	Noise Nighttime dB(A)
1.	Near Main Gate	53.9	54.7
2.	Near RFP Area	61.2	54.6
3.	Near HR Room	64.5	57.3
Standard as per EP Act for Industrial area		75	70

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

Note:

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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 and 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)



Rishma

Rishma S. Patil.
(Authorized Signatory)

-End of Test Report-