

Punjab Biotechnology Incubator

Department of Science, Technology & Environment,
Govt. of Punjab

An NABL Accredited State Analytical Agency



FSSAI Empanelled | EIC Approved | APEDA Approved | Notified State Water Lab - GoP | Notified Under EPA - GoI



No.PBTI/ENV/161224/001209

11220

Dated : 28/01/2025

ULR : TC127622400002767F

TEST REPORT

Sample Registration No. : PBTI/ENV/161224/001209
Sample code given by customer : Site- STP Final Outlet

Issued to:

Mahindra & Mahindra Ltd, Swaraj Division, Foundary
V&PO Sialbamajri, Tehsil Kharar, Mohali

Distt SAS Nagar - 140011
Punjab

SAMPLE PARTICULARS

Your Ref. No. : PO No. 3400765653, dt. 17/01/2025
Date & Time of Sample Collection : 16/12/2024 at 11:55am
Date & Time of Sample Receipt in Lab : 16/12/2024 at 5:00pm
Sample Identification No. : PBTI/161224/04, dt. 16/12/2024
Site of Sample Collection : Mahindra & Mahindra Ltd, Swaraj Division, Foundary, Sialbamajri
Name/Nature of sample : Treated Effluent
Type of Sample : Grab
Point of Sample Collection : Outlet
Condition of the sample on Receipt : Intact coded sample under refrigerated & preserved condition
Qty/Pkg. : 3L 550ml approx in plastic cans & glass bottle
Sampling Method : Sample drawn by PBTI (Mr.Deerghayu) as per APHA guidelines
Test Start Date : 16/12/2024
Test Completion Date : 31/12/2024

Report for Self Monitoring of the
Industry on Request basis

PBTI, Mohali

Authorized Signatory

Punjab Biotechnology Incubator Lab

Employee Code : Employee Code: 16

Note:

1. The above results pertain only to the sample tested.
2. There is no addition, deviation or exclusion from the method mentioned.
3. The report shall not be used for advertising or any legal purpose without written permission from the Chief Executive Officer, Punjab Biotechnology Incubator.
4. This report cannot be re-produced, except when in full, without the written permission from the Chief Executive Officer, Punjab Biotechnology Incubator.
5. Perishable samples will be destroyed after testing, others after one month from the date of issue of the report, unless otherwise agreed with the customer or as required by the applicable regulations.

Format No : PBTI/F/7.8/11

Issue No & Date : 01 & 12.08.2021

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Test Results

S.No.	Parameter	Requirement as per EPA Rules, 1986 (For use as Irrigation Water)	Results	Units	Test Method
1	pH	5.5 to 9.0	7.60		IS 3025 (Part 11) 2022
2	Total Suspended Solids (TSS)	200 mg/l, Max	46	mg/l	IS 3025 (Part 17) 2022
3	Total Dissolved Solids (TDS)	----	922	mg/l	IS 3025 (Part 16) :2023
4	Biochemical Oxygen Demand (BOD3 at 27oC)	100 mg/l, Max	25	mg/l	IS 3025 (Part 44) : 2023
5	Chemical Oxygen Demand (COD) Total	----	173	mg/l	IS 3025 (Part 58) 2023
6	Oil & Grease	10 mg/l, Max	BDL(MDL:1)	mg/l	IS 3025 (Part 39) (A) 2021
7	Iron (as Fe)	----	0.32	mg/l	APHA 3125 B By ICP-MS
8	Chloride (as Cl)	----	108	mg/l	IS 3025 (Part 32) 1988
9	Sulphate (as SO4)	----	29.6	mg/l	IS 3025 (Part 24) Sec I : 2022

BDL:Below Detection Limit

MDL:Method Detection Limit

Authorized Signatory

Punjab Biotechnology Incubator Lab

Employee Code : Employee Code: 16

