

Punjab Biotechnology Incubator

(Department of Science, Technology & Environment, GoP)

A Component of Knowledge City, Mohali

An NABL Accredited Facility



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

No.PBTI/ENV/300622/000268

Dated : 11/07/22

TEST REPORT

ULR : TC611722000001142F

Sample Registration No. : PBTI/ENV/300622/000268

Sample code given by customer : 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. 3400582576, dt. 08/06/2022

Date & Time of Sample Collection : 30/06/2022 at 1:20pm

Date & Time of Sample Receipt in Lab : 30/06/2022 at 5:00pm

Sample Identification No. : PBTI/270622/13, dt. 30/06/2022

Site of Sample Collection : Mahindra & Mahindra Ltd, Swaraj Division, Foundary, V & PO- Sialbamajri, Mohali

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 and preserved conditions

Qty/Pkg. : 3.550L approx in plastic and glass bottles

Sampling Method : Sample drawn by PBTI (Mr. Deerghayu) as per APHA guidelines

Test Start Date : 01/07/2022

Test Completion Date : 11/07/2022

Report for Self Monitoring of the
Industry on Request basis

PBTI, Mohali

Authorized Signatory

Punjab Biotechnology Incubator Lab

Employee Code: 11

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/7.8/06

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Page No.



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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	8.06		IS 3025 (Part 11)
2	Total Suspended Solids (TSS)	200 mg/l, Max	38.5	mg/l	IS 3025 (Part 17)
3	Total Dissolved Solids (TDS)	---	855	mg/l	IS 3025 (Part 16)
4	Biochemical Oxygen Demand (BOD ₃ at 27°C)	100 mg/l, Max	7.6	mg/l	IS 3025 (Part 44)
5	Chemical Oxygen Demand (COD) Total	---	30.0	mg/l	IS 3025 (Part 58)
6	Oil & Grease	10 mg/l, Max	BDL (MDL1)	mg/l	IS 3025 (Part 39)
7	Iron (as Fe)	----	0.03	mg/l	APHA 3125 B By ICP-MS
8	Chloride (as Cl)	---	99.0	mg/l	IS 3025 (Part 32)
9	Sulphate (as SO ₄)	---	59	mg/l	IS 3025 (Part 24)

BDL:Below Detection Limit

MDL:Method Detection Limit

Authorized Signa

Punjab Biotechnology Incubator

