

Punjab Biotechnology Incubator

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

An NABL Accredited State Analytical Agency



TC-12762

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



No.PBTIFA0/230326/007585

10013

Dated: 04/04/2026

ULR : TC127622600002036F

TEST REPORT

Sample Registration No. : PBTI/FA0/230326/007585
Sample code given by customer : Site- Ground Water from Borewell No-1, Back Side Utility

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. 3400828287, dt. 02/12/2025
Date & Time of Sample Collection : 20/03/2026 at 12:00pm ✓
Date & Time of Sample Receipt in Lab : 20/03/2026 at 5:00pm
Sample Identification No. : PBTI/200326/06, dt. 20/03/2026 ✓
Site of Sample Collection : Mahindra & Mahindra Ltd, Swaraj Division, Foundary, Sialbamajri
Name/Nature of sample : Ground Water ✓
Type of Sample : Grab
Point of Sample Collection : Ground Water from Borewell No-1, Back Side Utility ✓
Condition of the sample on Receipt : Intact coded sample under refrigerated & preserved condition
Qty/Pkg. : 5L 50ml approx in plastic cans & glass bottles ✓
Sampling Method : Sample drawn by PBTI (Mr.Arinder Singh) as per APHA guidelines
Test Start Date : 24/03/2026
Test Completion Date : 03/04/2026

Report for Self Monitoring of the
Business on Request basis

PBTI, Mohali

04/04/2026

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/7.8/04

Issue No & Date : 02 & 03.10.23

Page No. 1/2

National Referral Lab for LMO/GMO Detection under Seeds Act | Approved NRL by FSSAI | Referral Lab under FSSA 2006

Knowledge City, Sector-81, SAS Nagar (Mohali) Punjab - 140 306, India

Phone : +91-172-2998601, 2998602, 2998603

Website : www.pbttilabs.com #/pbt_dst



Dated :

ULR : TC127622600002036F

Sample Registration No. : PBTI/FA0/230326/007585

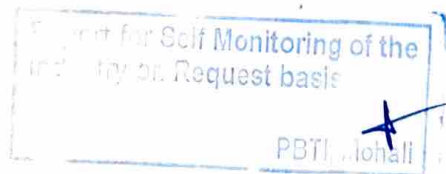
Sample code given by customer : Site- Ground Water from Borewell No-1, Back Side Utility

Test Results

S.No.	Parameter	Results	Units	Test Method
1	Color	BDL(MDL:1)	Hazen	IS 3025 (Part 4) : 2021
2	Odour	Agreeable		IS 3025 (Part 5) : 2018
3	pH	8.23		IS 3025 (Part 11) : 2022
4	Turbidity	0.63	NTU	IS 3025 (Part 10) 2023
5	Total Dissolved Solids (TDS)	336	mg/l	IS 3025 (Part 16) 2023
6	Chloride (as Cl)	8.5	mg/l	IS 3025 (Part 32) : 2025
7	Copper (as Cu)	BDL (MDL 0.005)	mg/l	APHA 3125 B (By ICP-MS)
8	Iron (as Fe)	BDL (MDL 0.01)	mg/l	APHA 3125 B (By ICP-MS)
9	Nitrate (as NO ₃)	1.6	mg/l	IS 3025 (Part 34): 2023
10	Phenolic compounds (as C ₆ H ₅ OH)	BDL(MDL:0.0006)	mg/l	IS 3025 (Part 43) (Sec 1) 2022
11	Sulphate (as SO ₄)	BDL(MDL:2)	mg/l	IS 3025 (Part 24) (Sec 1) 2022
12	Hardness Total (as CaCO ₃)	225	mg/l	IS 3025 (Part 21) : 2009
13	Zinc (as Zn)	0.05	mg/l	APHA 3125 B (By ICP-MS)
14	Cadmium (as Cd)	BDL (MDL 0.001)	mg/l	APHA 3125 B (By ICP-MS)
15	Cyanide (as CN)	BDL(MDL:0.005)	mg/l	IS 3025 (Part 27) Sec I : 2021
16	Lead (as Pb)	BDL (MDL 0.005)	mg/l	APHA 3125 B (By ICP-MS)
17	Mercury (as Hg)	BDL (MDL 0.0005)	mg/l	APHA 3125 B (By ICP-MS)
18	Nickel (as Ni)	BDL (MDL 0.005)	mg/l	APHA 3125 B (By ICP-MS)
19	Arsenic (As)	BDL (MDL 0.005)	mg/l	APHA 3125 B (By ICP-MS)
20	Chromium - Hexavalent (as Cr+6)	BDL(MDL:0.05)	mg/l	IS 3025 (Part 52) : 2023

BDL:Below Detection Limit

MDL:Method Detection Limit



Rajiv 2026
Authorized Signatory

Punjab Biotechnology Incubator Lab
Employee Code : Employee Code: 16

Punjab Biotechnology Incubator

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

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No.PBTIFA0/230326/007586

10014

Dated : 04/04/26

TEST REPORT

ULR : TC127622600002037F

Sample Registration No. : PBTI/FA0/230326/007586

Sample code given by customer : Site- Ground Water from Borewell No.II, Backside Fire Pump House

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. 3400828287, dt. 02/12/2025

Date & Time of Sample Collection : 20/03/2026 at 12:15pm

Date & Time of Sample Receipt in Lab : 20/03/2026 at 5:00pm

Sample Identification No. : PBTI/200326/07, dt. 20/03/2026

Site of Sample Collection : Mahindra & Mahindra Ltd, Swaraj Division, Foundary, Sialbamajri

Name/Nature of sample : Ground Water

Type of Sample : Grab

Point of Sample Collection : Ground Water from Borewell No.II, Backside Fire Pump House

Condition of the sample on Receipt : Intact coded sample under refrigerated & preserved condition

Qty/Pkg. : 5L 50ml approx in plastic can & glass bottles

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

Test Start Date : 24/03/2026

Test Completion Date : 03/04/2026

Report for Self Monitoring of the
Industry on Request basis

PBTI, Mohali

4/4/2026
Authorized Signatory

Punjab Biotechnology Incubator Lab

Employee Code : Employee Code: 16

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Sample Registration No.

: PBTI/FA0/230326/007586

Sample code given by customer

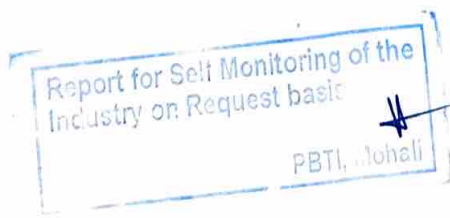
: Site- Ground Water from Borewell No.II, Backside Fire Pump House

Test Results

S.No.	Parameter	Results	Units	Test Method
1	Color	BDL(MDL:1)	Hazen	IS 3025 (Part 4) : 2021
2	Odour	Agreeable		IS 3025 (Part 5) : 2018
3	pH	8.17		IS 3025 (Part 11) : 2022
4	Turbidity	1.7	NTU	IS 3025 (Part 10) 2023
5	Total Dissolved Solids (TDS)	312	mg/l	IS 3025 (Part 16) 2023
6	Chloride (as Cl)	7.5	mg/l	IS 3025 (Part 32) : 2025
7	Copper (as Cu)	BDL (MDL 0.005)	mg/l	APHA 3125 B (By ICP-MS)
8	Iron (as Fe)	BDL (MDL 0.01)	mg/l	APHA 3125 B (By ICP-MS)
9	Nitrate (as NO ₃)	1.9	mg/l	IS 3025 (Part 34): 2023
10	Phenolic compounds (as C ₆ H ₅ OH)	BDL(MDL:0.0006)	mg/l	IS 3025 (Part 43) (Sec 1) 2022
11	Sulphate (as SO ₄)	BDL(MDL:2)	mg/l	IS 3025 (Part 24) (Sec 1) 2022
12	Hardness Total (as CaCO ₃)	190	mg/l	IS 3025 (Part 21) : 2009
13	Zinc (as Zn)	0.04	mg/l	APHA 3125 B (By ICP-MS)
14	Cadmium (as Cd)	BDL (MDL 0.001)	mg/l	APHA 3125 B (By ICP-MS)
15	Lead (as Pb)	BDL (MDL 0.005)	mg/l	APHA 3125 B (By ICP-MS)
16	Mercury (as Hg)	BDL (MDL 0.0005)	mg/l	APHA 3125 B (By ICP-MS)
17	Nickel (as Ni)	BDL (MDL 0.005)	mg/l	APHA 3125 B (By ICP-MS)
18	Arsenic (As)	BDL (MDL 0.005)	mg/l	APHA 3125 B (By ICP-MS)
19	Chromium - Hexavalent (as Cr+6)	BDL(MDL:0.05)	mg/l	IS 3025 (Part 52) : 2023

BDL:Below Detection Limit

MDL:Method Detection Limit



4/4/2026

Authorized Signatory

Punjab Biotechnology Incubator Lab

Employee Code : Employee Code: 16