



Punjab Biotechnology Incubator

(Department of Science, Technology & Environment, GoP)

A Component of Knowledge City, Mohali

Notified State Analytical Agency

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



No.PBTI/ENV/160323/001173

Dated : 10/04/2023

TEST REPORT

Sample Registration No. : PBTI/ENV/160323/001173

Sample code given by customer : STP Area

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. 3400617243, dt. 15/12/2022

Date & Time of Sample Collection : 14/03/2023 To 15/03/2023 at 11:30am to 11:30am

Date & Time of Sample Receipt in Lab : 16/03/2023 at 5:30pm

Sample Identification No. : PBTI/150323/01, dt. 14.03.2023 & 15.03.2023

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

Name/Nature of sample : Ambient Air Monitoring

Type of Sample : NA

Point of Sample Collection : STP Area

Condition of the sample on Receipt : Intact coded sample

Qty/Pkg. : As per standard method

Sampling Method : Sample drawn by PBTI (Mr. Deerghayu) as per CPCB & PPCB guidelines

Test Start Date : 16/03/2023

Test Completion Date : 10/04/2023

Report for Self Monitoring of the
Industry on Request basis

PBTI, Mohali

Authorized Signatory

Punjab Biotechnology Incubator Lab

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/7.8/06

Revision No. 00 & 25.04.2019

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National Referral Lab for LMO/GMO Detection under Seeds Act 1966 | Referral Lab under Food Safety and Standards Act 2006

C-134, Industrial Focal Point, Phase-VIII, SAS Nagar (Mohali) - 160 071, Punjab, India

Phone : +91-172-5020893, 5093595, E-mail : pbt2005@yahoo.com

Website : www.pbtlabs.com, /pbt_dst



Dated :

Sample Registration No. : PBTI/ENV/160323/001173
Sample code given by customer : STP Area

Test Results

S.No.	Parameter	NAAQS CPCB 2009 (Only For Guideline purpose)	Results	Units	Test Method
1	Sulphur Dioxide (SO ₂)	Max 80	BDL(MDL4)	µg/m ³	IS 5182 (Part 2):2001
2	Nitrogen Dioxide (NO ₂)	Max 80	34.1	µg/m ³	IS 5182 (Part 6) : 2006
3	Particulate Matter size < 10 µm or (PM 10)	Max 100	150	µg/m ³	IS 5182 (Part 23) : 2006
4	Particulate Matter size < 2.5 µm or (PM 2.5)	Max 60	19.6	µg/m ³	IS 5182 (Part 24) : 2019
5	Ozone (O ₃)	Max 100	BDL(MDL20)	µg/m ³	IS 5182 (Part 9) :1974
6	Lead (as Pb)	Max 1.0	BDL(MDL 0.5)	µg/m ³	APHA Air
7	Carbon monoxide (CO)	Max 2.0	BDL(MDL1.14)	mg/m ³	IS 5182 Part 10:1999
8	Ammonia (NH ₃)	Max 400	11.8	µg/m ³	IS 5182 (Part 20) : 2018
9	Benzene	Max 5.0	BDL(MDL 2.5)	µg/m ³	IS 5182 (Part 11) : 2006
10	Benzo(a)pyrene (BaP)	Max 1.0	BDL(MDL1)	ng/m ³	IS 5182 (Part 12) : 2004
11	Arsenic (As)	Max 6.0	BDL(MDL 3.0)	ng/m ³	APHA Air
12	Nickel (as Ni)	Max 20.0	BDL(MDL 10)	ng/m ³	APHA Air

BDL:Below Detection Limit

MDL:Method Detection Limit

[Signature]
10/4/2023

Authorized Signatory

Punjab Biotechnology Incubator Lab

Report for Self Monitoring of the
Industry on Request basis

PBTI, Mohali



Punjab Biotechnology Incubator

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No.PBTIENV/160323/001179

10/04/2023

Dated : 10/04/2023

TEST REPORT

Sample Registration No. : PBTI/ENV/160323/001179

Sample code given by customer : 66KVA

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. 3400617243, dt. 15/12/2022

Date & Time of Sample Collection : 14/03/2023 To 15/03/2023 at 11:00am to 11:00am

Date & Time of Sample Receipt in Lab : 16/03/2023 at 5:30pm

Sample Identification No. : PBTI/130323/03, dt. 14.03.2023 & 15.03.2023

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

Name/Nature of sample : Ambient Air Monitoring

Type of Sample : NA

Point of Sample Collection : 66KVA

Condition of the sample on Receipt : Intact coded sample

Qty/Pkg. : As per standard method

Sampling Method : Sample drawn by PBTI (Mr. Deerghayu) as per CPCB & PPCB guidelines

Test Start Date : 16/03/2023

Test Completion Date : 10/04/2023

Report for Self Monitoring of the
Industry on Request basis

PBTI, Mohali

Authorized Signatory

Punjab Biotechnology Incubator Lab

Employee Code: 16

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National Referral Lab for LMO/GMO Detection under Seeds Act 1966 | Referral Lab under Food Safety and Standards Act 2006

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Phone : +91-172-5020893, 5093595, E-mail : pbt2005@yahoo.com

Website : www.pbttilabs.com, /pbt_dst



Dated :

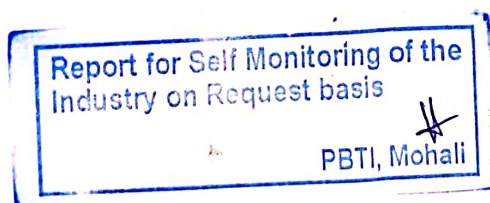
Sample Registration No. : PBTI/ENV/160323/001179
Sample code given by customer : 66KVA

Test Results

S.No.	Parameter	NAAQS CPCB 2009 (Only For Guideline purpose)	Results	Units	Test Method
1	Sulphur Dioxide (SO ₂)	Max 80	BDL(MDL4)	µg/m ³	IS 5182 (Part 2):2001
2	Nitrogen Dioxide (NO ₂)	Max 80	39.5	µg/m ³	IS 5182 (Part 6) : 2006
3	Particulate Matter size < 10 µm or (PM 10)	Max 100	67.4	µg/m ³	IS 5182 (Part 23) : 2006
4	Particulate Matter size < 2.5 µm or (PM 2.5)	Max 60	5.0	µg/m ³	IS 5182 (Part 24) : 2019
5	Ozone (O ₃)	Max 100	BDL(MDL20)	µg/m ³	IS 5182 (Part 9) :1974
6	Lead (as Pb)	Max 1.0	BDL(MDL 0.5)	µg/m ³	APHA Air
7	Carbon monoxide (CO)	Max 2.0	BDL(MDL1.14)	mg/m ³	IS 5182 Part 10:1999
8	Ammonia (NH ₃)	Max 400	16.4	µg/m ³	IS 5182 (Part 20) : 2018
9	Benzene	Max 5.0	BDL(MDL 2.5)	µg/m ³	IS 5182 (Part 11) : 2006
10	Benzo(a)pyrene (BaP)	Max 1.0	BDL(MDL1)	ng/m ³	IS 5182 (Part 12) : 2004
11	Arsenic (As)	Max 6.0	BDL(MDL 3.0)	ng/m ³	APHA Air
12	Nickel (as Ni)	Max 20.0	BDL(MDL 10)	ng/m ³	APHA Air

BDL:Below Detection Limit

MDL:Method Detection Limit



[Signature]
19/4/2023

Authorized Signatory
Punjab Biotechnology Incubator Lab



Punjab Biotechnology Incubator

(Department of Science, Technology & Environment, GoP)

A Component of Knowledge City, Mohali

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No.PBTIENV/140323/001138 /0043

Dated : 10/04/2023

TEST REPORT

Sample Registration No. : PBTI/ENV/140323/001138
Sample code given by customer : 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. 3400617243, dt. 15/12/2022
Date & Time of Sample Collection : 13/03/2023 To 14/03/2023 at 10:00am to 10:00am
Date & Time of Sample Receipt in Lab : 14/03/2023 at 5:45pm
Sample Identification No. : PBTI/130323/01, dt. 13.03.2023 & 14.03.2023
Site of Sample Collection : Mahindra & Mahindra Ltd, Swaraj Division- Foundary, V & PO Sialbamajri, Kharar,
Name/Nature of sample : Ambient Air Monitoring
Type of Sample : NA
Point of Sample Collection : Back Side Utility
Condition of the sample on Receipt : Intact coded sample
Qty/Pkg. : As per standard method
Sampling Method : Sample drawn by PBTI (Mr. Deerghayu) as per CPCB & PPCB guidelines
Test Start Date : 14/03/2023
Test Completion Date : 10/04/2023

Report for Self Monitoring of the
Industry on Request basis

PBTI, Mohali

[Signature]
10/4/2023
Authorized Signatory

Punjab Biotechnology Incubator Lab
Employee Code: 16

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C-134, Industrial Focal Point, Phase-VIII, SAS Nagar (Mohali) - 160 071, Punjab, India
Phone : +91-172-5020893, 5093595, E-mail : pbt2005@yahoo.com



Dated :

Sample Registration No. : PBTI/ENV/140323/001138

Sample code given by customer : Back Side Utility

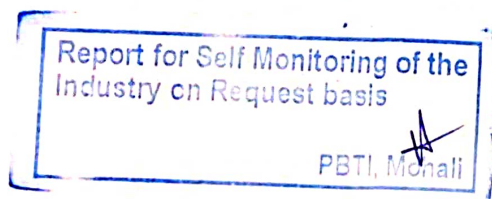
Test Results

S.No.	Parameter	NAAQS CPCB 2009 (Only For Guideline purpose)	Results	Units	Test Method
1	Sulphur Dioxide (SO ₂)	Max 80	BDL(MDL4)	µg/m ³	IS 5182 (Part 2):2001
2	Nitrogen Dioxide (NO ₂)	Max 80	42.9	µg/m ³	IS 5182 (Part 6) : 2006
3	Particulate Matter size < 10 µm or (PM 10)	Max 100	57.7	µg/m ³	IS 5182 (Part 23) : 2006
4	Particulate Matter size < 2.5 µm or (PM 2.5)	Max 60	46.4	µg/m ³	IS 5182 (Part 24) : 2019
5	Ozone (O ₃)	Max 100	BDL(MDL20)	µg/m ³	IS 5182 (Part 9) :1974
6	Lead (as Pb)	Max 1.0	BDL(MDL 0.5)	µg/m ³	APHA Air
7	Carbon monoxide (CO)	Max 2.0	BDL(MDL1.14)	mg/m ³	IS 5182 Part 10:1999
8	Ammonia (NH ₃)	Max 400	21.7	µg/m ³	IS 5182 (Part 20) : 2018
9	Benzene	Max 5.0	BDL(MDL 2.5)	µg/m ³	IS 5182 (Part 11) : 2006
10	Benzo(a)pyrene (BaP)	Max 1.0	BDL(MDL1)	ng/m ³	IS 5182 (Part 12) : 2004
11	Arsenic (As)	Max 6.0	BDL(MDL 3)	ng/m ³	APHA Air
12	Nickel (as Ni)	Max 20.0	BDL(MDL 10)	ng/m ³	APHA Air

BDL:Below Detection Limit

MDL:Method Detection Limit


10/4/2023
Authorized Signatory
Punjab Biotechnology Incubator Lab



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A Component of Knowledge City, Mohali

Notified State Analytical Agency

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

No.PBTI/ENV/140323/001139

0044

Dated : 10/04/2023

TEST REPORT

Sample Registration No. : PBTI/ENV/140323/001139

Sample code given by customer : Fire Hydrant

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. 3400617243, dt. 15/12/2022

Date & Time of Sample Collection : 13/03/2023 To 14/03/2023 at 11:00am to 11:00am

Date & Time of Sample Receipt in Lab : 14/03/2023 at 5:45pm

Sample Identification No. : PBTI/130323/02, dt. 13.03.2023 & 14.03.2023

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

Name/Nature of sample : Ambient Air Monitoring

Type of Sample : NA

Point of Sample Collection : Fire Hydrant

Condition of the sample on Receipt : Intact coded sample

Qty/Pkg. : As per standard method

Sampling Method : Sample drawn by PBTI (Mr. Deerghayu) as per CPCB & PPCB guidelines

Test Start Date : 14/03/2023

Test Completion Date : 10/04/2023

Report for Self Monitoring of the
Industry on Request basis

PBTI Mohali

Authorized Signatory

Punjab Biotechnology Incubator Lab

Employee Code: 16

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Phone : +91-172-5020893, 5093595, E-mail : pbt2005@yahoo.com

Website : www.pbttilabs.com, /pbt_dst



Dated :

Sample Registration No. : PBTI/ENV/140323/001139
Sample code given by customer : Fire Hydrant

Test Results

S.No.	Parameter	NAAQS CPCB 2009 (Only For Guideline purpose)	Results	Units	Test Method
1	Sulphur Dioxide (SO ₂)	Max 80	BDL(MDL4)	µg/m ³	IS 5182 (Part 2):2001
2	Nitrogen Dioxide (NO ₂)	Max 80	39.2	µg/m ³	IS 5182 (Part 6) : 2006
3	Particulate Matter size < 10 µm or (PM 10)	Max 100	199	µg/m ³	IS 5182 (Part 23) : 2006
4	Particulate Matter size < 2.5 µm or (PM 2.5)	Max 60	47.4	µg/m ³	IS 5182 (Part 24) : 2019
5	Ozone (O ₃)	Max 100	BDL(MDL20)	µg/m ³	IS 5182 (Part 9) :1974
6	Lead (as Pb)	Max 1.0	BDL(MDL 0.5)	µg/m ³	APHA Air
7	Carbon monoxide (CO)	Max 2.0	BDL(MDL1.14)	mg/m ³	IS 5182 Part 10:1999
8	Ammonia (NH ₃)	Max 400	23.3	µg/m ³	IS 5182 (Part 20) : 2018
9	Benzene	Max 5.0	BDL(MDL 2.5)	µg/m ³	IS 5182 (Part 11) : 2006
10	Benzo(a)pyrene (BaP)	Max 1.0	BDL(MDL 1)	ng/m ³	IS 5182 (Part 12) : 2004
11	Arsenic (As)	Max 6.0	BDL(MDL 3)	ng/m ³	APHA Air
12	Nickel (as Ni)	Max 20.0	BDL(MDL 10)	ng/m ³	APHA Air

BDL:Below Detection Limit MDL:Method Detection Limit

[Signature]
10/4/2023
Authorized Signatory

Punjab Biotechnology Incubator Lab

