

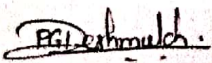
WTR-F-001

## CERTIFICATE OF ANALYSIS

Report No : PAPL/EW-155/06-19 Date: - 03.07.2019  
Sample Ref. : 907/EW-155/06-19  
Name of Industry : Railway School Kalyan  
Address : Manthan Environ Consultancy 1001, Neelkanth Green, Thane (W)  
Name of Sample : STP Final Treated Sample  
Sample Quantity : 1000 ml Date of Collection : 23.06.2019  
Sample Collected by : Customer Date of Receiving : 24.06.2019

Sr. No.	Test Parameter	Result	Unit	Limit	Test Method
1.	pH	7.3	---	---	IS:3025(P-11)1983
2.	Total Suspended Solids	3.0	mg/l	---	IS:3025(P-17)1984
3.	Total Dissolved Solids	344	mg/l	---	IS:3025(P-16)1984
4.	Chemical Oxygen Demand	4.0	mg/l	---	IS:3025(P-58)2006
5.	BOD 3 days, 27 <sup>o</sup> C	<1	mg/l	---	IS:3025(P-44)1993
6.	Oil and Grease	<1	mg/l	---	IS:3025(P-39)1991

Remark: -----

  
ANALYSED BY

  
FOR PADMAJA AEROBIOLOGICALS PVT. LTD.

Abbreviations:ND-Not Detected

MCR-F-001A

## TEST REPORT

<b>Report No</b> : PAPL/WM-30/06-19	<b>Report Date</b> : 28/06/2019
<b>Sample Ref. No.</b> : 906/WM-30/06-19	<b>Job Ref. No</b> : 06/Q-001/19-20 Rev 001 <b>Date</b> : 24.06.2019
<b>Name of Industry</b> : Railway School Kalyan	
<b>Address</b> : Manthan Environ Consultancy 1001, Neelkanth Green, Thane (W)	
<b>Name of Sample</b> : Tap Water (Near Science Block)	<b>Sample Collected by</b> : Customer
<b>Date of test completion</b> : 28/06/2019	<b>Date of sample collection</b> : 23/06/2019
<b>Sample Quantity</b> : 2000 ml (approx.)	<b>Date of sample receipt</b> : 24/06/2019

## TEST RESULTS

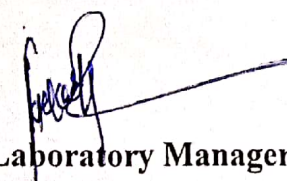
Sr. No	Test Parameter	Result	Unit	Acceptable Limit	Method of Analysis
1.	Color	<5.0	Hazen	--	IS:3025 (P-4)1983
*2.	Odour	Agreeable	----	--	IS:3025(P-5)1983
*3.	Taste	Agreeable	----	--	IS:3025(P-7,8)1984
4.	Turbidity	<0.5	NTU	--	IS:3025(P-10)1984
5.	pH	8.0	----	--	IS:3025(P-11)1983
6.	Total Hardness	12	mg/L	--	IS:3025(P-21)1983
7.	Iron (as Fe)	<0.1	mg/L	--	IS:3025(P-53)2003
8.	Chlorides (as Cl)	20	mg/L	--	IS:3025(P-32)1988
9.	Residual Free Chlorine	<0.2	mg/L	--	IS:3025(P-26)1986

### Remark:

Note : This test report may not be produced in part or full, without the permission of this laboratory.

This test report refers only to the sample submitted for the testing.

\* Not covered under NABL scope

  
Mr. Kishor Potekar (Laboratory Manager)  
Authorized Signatory

Serving for more than 35 years



We Ensure Quality

# PAPL

PADMAJA AEROBIOLOGICALS PVT. LTD.

Public Testing Laboratory

Recognised by Ministry of Environment Forest & Climate Change (MoEFCC)

Recognition date : 23.05.2019

ISO 9001 : 2015, OHSAS 18001:2007 Certified

CIN : U73100MH1995PTC092502

NABL Accreditation Certificate No. TC-5088 Valid upto 31.12.2020.

MCR-F-001A

## TEST REPORT

Report No	: PAPL/WM-30/06-19	Report Date	: 28/06/2019
Sample Ref. No.	: 906/WM-30/06-19		
Name of Industry	: Railway School Kalyan		
Address	: Manthar Environ Consultancy 1001, Neelkanth Green, Thane (W)		
Name of Sample	: Tap Water (Near Science Block)	Sample Collected by	: Customer
Date of test completion	: 28/06/2019	Date of sample collection	: 23/06/2019
Sample Quantity	: 100 ml (approx.)	Date of sample receipt	: 24/06/2019

## TEST RESULTS

Sr. No.	Test Parameter	Results	Units	Acceptable Limit as per IS:10500-2012	Method of Analysis
10.	<i>E. coli</i> or Thermotolerant coliforms	Not Detected	MPN/100 ml	Shall not be detectable in 100 ml sample	IS:1622-1981 Reaffirmed 2009

### Remarks:-

Note : This test report may not be produced in part or full, without the permission of this laboratory.

This test report refers only to the sample submitted for the testing.

Lower detection limit : <02MPN/100ml

\* Not covered under NABL scope

*Aspita*

**ANALYSED BY**

Abbreviations:- 1) MPN: Most Probable Number

**AUTHORIZED SIGNATORY**

**FOR PADMAJA AEROBIOLOGICALS PVT.LTD**

----- End of test report -----

Page no 02 to 02

MCR-F-001A

## TEST REPORT

<b>Report No</b> : PAPL/WM-28/06-19	<b>Report Date</b> : 28/06/2019
<b>Sample Ref. No.</b> : 904/WM-28/06-19	<b>Job Ref. No</b> : 06/Q-001/19-20 Rev 001 <b>Date</b> : 24.06.2019
<b>Name of Industry</b> : Railway School Kalyan	
<b>Address</b> : Manthan Environ Consultancy 1001, Neelkanth Green, Thane (W)	
<b>Name of Sample</b> : Bore Well Water 1 (Near Science Block)	<b>Sample Collected by</b> : Customer
<b>Date of test completion</b> : 28/06/2019	<b>Date of sample collection</b> : 23/06/2019
<b>Sample Quantity</b> : 2000 ml (approx.)	<b>Date of sample receipt</b> : 24/06/2019

## TEST RESULTS

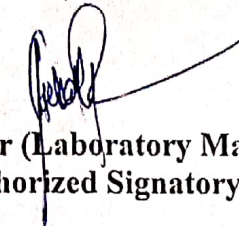
Sr. No	Test Parameter	Result	Unit	Acceptable Limit as per IS:10500-2012	Method of Analysis
1.	Color	<5.0	Hazen	5 Max	IS:3025 (P-4)1983
*2.	Odour	Agreeable	----	Agreeable	IS:3025(P-5)1983
*3.	Taste	Agreeable	----	Agreeable	IS:3025(P-7,8)1984
4.	Turbidity	<0.5	NTU	1	IS:3025(P-10)1984
5.	pH	7.6	----	6.5 to 8.5	IS:3025(P-11)1983
6.	Total Hardness	191	mg/L	200 Max	IS:3025(P-21)1983
7.	Iron (as Fe)	<0.1	mg/L	0.3 Max	IS:3025(P-53)2003
8.	Chlorides (as Cl)	22	mg/L	250 Max	IS:3025(P-32)1988
9.	Residual Free Chlorine	<0.2	mg/L	0.2 Min	IS:3025(P-26)1986

### Remark:

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\* Not covered under NABL scope

  
**Mr. Kishor Potekar (Laboratory Manager)**  
Authorized Signatory

MCR-F-001A

## TEST REPORT

Report No	: PAPL/WM-28/06-19	Report Date	: 28/06/2019
Sample Ref. No.	: 904/WM-28/06-19		
Name of Industry	: Railway School Kalyan		
Address	: Manthan Environ Consultancy 1001, Neelkanth Green, Thane (W)		
Name of Sample	: Bore Well Water 1 (Near Science Block)	Sample Collected by	: Customer
Date of test completion	: 28/06/2019	Date of sample collection	: 23/06/2019
Sample Quantity	: 100 ml (approx.)	Date of sample receipt	: 24/06/2019

## TEST RESULTS

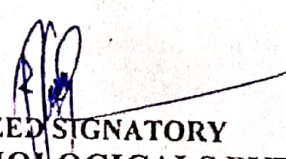
Sr. No.	Test Parameter	Results	Units	Acceptable Limit as per IS:10500-2012	Method of Analysis
10.	<i>E. coli</i> or Thermotolerant coliforms	Not Detected	MPN/100 ml	Shall not be detectable in 100 ml sample	IS:1622-1981 Reaffirmed 2009

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This test report refers only to the sample submitted for the testing.  
Lower detection limit : <02MPN/100ml  
\* Not covered under NABL scope

*Arpita*  
ANALYSED BY

Abbreviations:-1) MPN: Most Probable Number

  
AUTHORIZED SIGNATORY  
FOR PADMAJA AEROBIOLOGICALS PVT.LTD

----- End of test report-----

MCR-F-001A

## TEST REPORT

Report No	: PAPL/WM-29/06-19	Report Date	: 28/06/2019
Sample Ref. No.	: 905/WM-29/06-19	Job Ref. No	: 06/Q-001/19-20 Rev 001
		Date	: 24.06.2019
Name of Industry	: Railway School Kalyan		
Address	: Manthan Environ Consultancy 1001, Neelkanth Green, Thane (W)		
Name of Sample	: Bore Well Water 2 (Near Cricket Ground)	Sample Collected by	: Customer
Date of test completion	: 28/06/2019	Date of sample collection	: 23/06/2019
Sample Quantity	: 2000 ml (approx.)	Date of sample receipt	: 24/06/2019

## TEST RESULTS

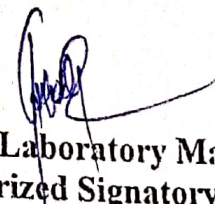
Sr. No	Test Parameter	Result	Unit	Acceptable Limit as per IS:10500-2012	Method of Analysis
1.	Color	<5.0	Hazen	5 Max	IS:3025 (P-4)1983
*2.	Odour	Agreeable	----	Agreeable	IS:3025(P-5)1983
*3.	Taste	Agreeable	----	Agreeable	IS:3025(P-7,8)1984
4.	Turbidity	<0.5	NTU	1	IS:3025(P-10)1984
5.	pH	7.5	----	6.5 to 8.5	IS:3025(P-11)1983
6.	Total Hardness	86	mg/L	200 Max	IS:3025(P-21)1983
7.	Iron (as Fe)	<0.1	mg/L	0.3 Max	IS:3025(P-53)2003
8.	Chlorides (as Cl)	16	mg/L	250 Max	IS:3025(P-32)1988
9.	Residual Free Chlorine	<0.2	mg/L	0.2 Min	IS:3025(P-26)1986

### Remark:

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This test report refers only to the sample submitted for the testing.

\* Not covered under NABL scope

  
Mr. Kishor Potekar (Laboratory Manager)  
Authorized Signatory

MCR-F-001A

## TEST REPORT

Report No	: PAPL/WM-29/06-19	Report Date	: 28/06/2019
Sample Ref. No.	: 905/WM-29/06-19		
Name of Industry	: Railway School Kalyan		
Address	: Manthan Environ Consultancy 1001, Neelkanth Green, Thane (W)		
Name of Sample	: Bore Well Water 2 (Near Cricket Ground)	Sample Collected by	: Customer
Date of test completion	: 28/06/2019	Date of sample collection	: 23/06/2019
Sample Quantity	: 100 ml (approx.)	Date of sample receipt	: 24/06/2019

## TEST RESULTS

Sr. No.	Test Parameter	Results	Units	Acceptable Limit as per IS:10500-2012	Method of Analysis
10.	<i>E. coli</i> or Thermotolerant coliforms	Not Detected	MPN/100 ml	Shall not be detectable in 100 ml sample	IS:1622-1981 Reaffirmed 2009

### Remarks:-

Note : This test report may not be produced in part or full, without the permission of this laboratory.  
This test report refers only to the sample submitted for the testing.  
Lower detection limit : <02MPN/100ml  
\* Not covered under NABL scope

*Arpita*

**ANALYSED BY**

Abbreviations:-1) MPN: Most Probable Number

*[Signature]*  
AUTHORIZED SIGNATORY

**FOR PADMAJA AEROBIOLOGICALS PVT.LTD**

----- End of test report -----

Page no 02 to 02

**MUNICIPAL CORPORATION OF GREATER MUMBAI**  
**Public Health Department**  
**MUNICIPAL LABORATORY**

**ANALYSIS REPORT**

Customer Name & Address	<b>REPORT NO.</b>	G/378 of 2019
Chief Health Inspector, C. Rly, Kalyan (Mumbai Division)	Sample Id.	MA/19/1608
	Date of Receipt	25.06.2019
	Quantity	1 lit.
Sample Description	:- Tap Water -2	
Sample Reference No.	:- 4H/KYN/WS/2017	
Date & Place of Collection	:- 25.06.2019, at Borewell Nr. Shipra Guha Mukharji Garden Cental Railway School Kalyan.	
Analysis Started on	:-26.06.2019	Analysis Completed on :- 26.06.2019


(i) Condition of Sample :- Sample was received in sealed condition.

(ii) Label Declaration :- Sample was received in plain plastic bottle without label declaration.

SR. NO.	TEST	RESULTS	ACCEPTABLE LIMITS	METHOD USED
1.	Physical Appearance	Clear	Clear	By visual examination
2.	Odour	Agreeable	Agreeable	IS 3025 Part 05:1983 Reaffirmed 1996
3.	Turbidity	1.46 NTU	Not more than 1.0 NTU	IS 3025 Part 10:1984 Reaffirmed 1996
4.	Dissolved Solids	207.5 mg/lit.	Not more than 500.00 mg/lit.	By TDS Meter
5.	pH	7.05	6.5 to 8.5	IS 3025 Part 11:1983 Reaffirmed 1996
6.	Total Hardness (As CaCO <sub>3</sub> )	181.8 mg/lit.	Not more than 200.0 mg/lit.	IS 3025 Part 21:1983 Reaffirmed 2009
7.	Chloride (As Cl)	29.72 mg/lit.	Not more than 250.0 mg/lit.	IS 3025 Part 32:1988 Reaffirmed 1999
8.	Total Alkalinity (As CaCO <sub>3</sub> )	170.72 mg/lit.	Not more than 200.0 mg/lit.	IS 3025 Part 23:1986 Reaffirmed 1998
9.	Nitrate (As NO <sub>3</sub> )	Nil	Not more than 45.0 mg/lit.	By Nitrate Test Kit

**CONCLUSION :-** As per referred to the above tests, the sample of Tap Water - 2 **Does not conform** to the standards prescribed in IS:10500 of 2012 & hence **unfit** for drinking purpose.

13 JUL 2019

  
 Mr. Santosh Narayan Jathar  
 Municipal Analyst & Food Analyst  
 Municipal Laboratory, Greater Mumbai



**MUNICIPAL CORPORATION OF GREATER MUMBAI**  
Public Health Department  
**MUNICIPAL LABORATORY**

**ANALYSIS REPORT**


Customer Name & Address Chief Health Inspector, C. Rly, Kalyan (Mumbai Division)	<b>REPORT NO.</b> Sample Id. Date of Receipt Quantity	G/377 of 2019 MA/19/1607 25.06.2019 1 lit.
Sample Description :- Tap Water -1		
Sample Reference No. :- 4H/KYN/WS/2017		
Date & Place of Collection :- 25.06.2019, at Borewell Nr. Science bldg. Central Railway School Kalyan.		
Analysis Started on :- 26.06.2019	Analysis Completed on :- 29.06.2019	

- (i) Condition of Sample :- Sample was received in sealed condition.  
 (ii) Label Declaration :- Sample was received in plain plastic bottle without label declaration.

SR. NO.	TEST	RESULTS	ACCEPTABLE LIMITS	METHOD USED
1.	Physical Appearance	Clear	Clear	By visual examination
2.	Odour	Agreeable	Agreeable	IS 3025 Part 05:1983 Reaffirmed 1996
3.	Turbidity	0.68 NTU	Not more than 1.0 NTU	IS 3025 Part 10:1984 Reaffirmed 1996
4.	Dissolved Solids	159.0 mg/lit.	Not more than 500.00 mg/lit.	By TDS Meter
5.	pH	7.53	6.5 to 8.5	IS 3025 Part 11:1983 Reaffirmed 1996
6.	Total Hardness (As CaCO <sub>3</sub> )	125.24 mg/lit.	Not more than 200.0 mg/lit.	IS 3025 Part 21:1983 Reaffirmed 2009
7.	Chloride (As Cl)	33.44 mg/lit.	Not more than 250.0 mg/lit.	IS 3025 Part 32:1988 Reaffirmed 1999
8.	Total Alkalinity (As CaCO <sub>3</sub> )	69.84 mg/lit.	Not more than 200.0 mg/lit.	IS 3025 Part 23:1986 Reaffirmed 1998
9.	Nitrate (As NO <sub>3</sub> )	Nil	Not more than 45.0 mg/lit.	By Nitrate Test Kit

**CONCLUSION :-** As per referred to the above tests, the sample of Tap Water - 1 conforms to the standards prescribed in IS 10500 of 2012 & hence chemically fit for drinking purpose.

15 JUL 2019

  
 Mr. Santosh Narayan Jathar  
 Municipal Analyst & Food Analyst  
 Municipal Laboratory, G/Noth Ward,  
 Dadar (W), Mumbai - 23.