



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



Chemical T-2637
Biological T-2639
Mechanical T-2638

Report No : EN/15100128-01

Report Date : 04 Nov 2015

SAMPLE DRAWN BY CUSTOMER

Customer Name : C.K. Prem Aanand
Customer Address : Oxford Public School N.S.K. Nagar, Kosavanpalayam,
Thiruninravur.

Sample Name : Water
Sample Description : RO Water
Reference : Test Request dated 30.10.15
Sample No : EN/15100128-01

Sample Quantity : 2 litres 100mL
Sample Condition : Fit for analysis

Sample Received on : 30 Oct 2015
Test Started on : 30 Oct 2015
Test Completed on : 04 Nov 2015

Test Results

SI No	Parameter	Test Method	Unit	Results	Requirement Limits as per IS 10500-2012	
					Acceptable Limit	Permissible Limit in the absence of alternative source
Chemical Test						
1	Colour	IS 3025 (Part - 4) : 1983 Reaff. 2012	Hazen	Less than 1.0	Max 5	Max 15
2	Odour	IS 3025 (Part -5):1983 Reaff. 2006		Agreeable	Agreeable	Agreeable
3	Turbidity	IS 3025 (Part-10) : 1984 Reaf 2012	NTU	Less than 0.1	Max 1	Max 5
4	Total Dissolved Solids	IS 3025 (Part-16):1984 Reaff.2006	mg/L	36.0	Max 500	Max 2000
5	pH @ 25°C	IS 3025 (part 11):1984 Reaff.2006	-	6.77	6.5 - 8.5	No relaxation
6	Total Hardness as CaCO ₃	IS 3025 (Part-21):1983 Reaff.2009	mg/L	4.0	Max 200	Max 600
7	Total Alkalinity as CaCO ₃	IS 3025 (Part-23):1986 Reaff.2003	mg/L	12.0	Max 200	Max 600
8	Nitrate as NO ₃	NO3-B APHA 22 nd Edi 2012	mg/L	BDL(DL:1.0)	Max 45	No relaxation
9	Fluoride as F	4500 F-D APHA 22 nd Edi 2012	mg/L	BDL(DL:0.1)	Max 1.0	Max 1.5
10	Chloride as Cl	IS 3025 (Part 32):1988 Reaff.2009	mg/L	8.0	Max 250	Max 1000

Page 1 of 2

Authorised Signatory

P. VASANTHAN

Sr. Executive Chemist

39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk,
Chennai - 600 124. Phone : 044-26811662 - 664 Fax : 044-26811665

Approved by MoEF, APEDA, FSSAI & AGMARK and Certified for ISO 9001:2008 & OHSAS 18001:2007

WARNING : The Findings constitute no warranty of the samples representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues established therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 7 days (in case of perishable items) and 30 days



SMS LABS SERVICES PRIVATE LIMITED



TEST REPORT

Report No : EN/15100128-01

Report Date : 04 Nov 2015

Chemical T-2637

Biological T-2639

Mechanical T-2638

Sl No	Parameter	Test Method	Unit	Results	Requirement Limits as per IS 10500:2012	
					Acceptable Limit	Permissible Limit in the absence of alternative source
11	Sulphate as SO ₄	4500 SO ₄ APHA 222 nd Ed. 2012	mg/L	12.0	Max 200	Max 400
12	Calcium as Ca	IS 3025 (Part-40):1991 Reaff.2009	mg/L	0.8	Max 75	Max 200
13	Magnesium as Mg	IS 3025 (Part-46):1994 Reaff.2009	mg/L	0.5	Max 30	Max 100
14	Iron as Fe	IS 3025 (Part-53): 2003 Reaff.2009	mg/L	BDL(DL:0.05)	Max 0.3	No relaxation
15	Electrical Conductivity @ 25°C	IS 3025 (Part 14):1984 Reaff. 2006)	µS/cm	56.0		
Microbiological Analysis						
16	Coliforms	IS 1622:1981 (Reaff 2009)	-	Absent/100mL	Absent/100mL	
17	E.Coli	IS 15185:2002(Reaff.2009)	-	Absent/100mL	Absent/100mL	

Note : BDL : Below Detection Limit, DL : Detection Limit

Remarks: The above mentioned water sample conforms to the requirements of Acceptable Limits as per IS 10500:2012 for the above tested parameters.

End of Report

Page 2 of 2

T. ROOSO

MANAGER - MICROBIOLOGY

P. VASANTHAN

Sr. Executive Chemist

39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk,
Chennai - 600 124. Phone : 044-26811662 - 664 - Fax : 044-26811665

Approved by MoEF, APEDA, FSSAI & AGMARK and Certified for ISO 9001:2008 & OHSAS 18001:2007

WARNING : The Findings constitute no warranty of the samples representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.
Attention is drawn to the limitations of liability, indemnification and jurisdictional issues established therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instructions, if any.
The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 7 days (in case of perishable items) and 30 days.

SMS LABS SERVICES PRIVATE LIMITED
TEST REPORT

Report No: EN/15100128-01

Report Date: 04 Nov 2015

SAMPLE DRAWN BY CUSTOMER

Customer Name: C.K. Prem Aanand

Customer Address: Oxford Public School N.S.K. Nagar, Kosavanpalayam, Thiruninravur

Sample Name: Water

Sample Description: RO Water

Reference: Test Request dated 30.10.15

Sample No: EN/15100128-01

Sample Quantity: 2 litres / 100mL

Sample Condition: Fit for analysis

Sample Received on: 30 Oct 2015

Test Started on: 30 Oct 2015

Test Completed on: 04 Nov 2015

Test Results

Table with 7 columns: Sl. No, Parameter, Test Method, Unit, Results, Requirement Limits as per IS 10500-2012 (Acceptable Limit, Permissible Limit in the absence of alternative source). Rows include: 1. Colour (Hazren), 2. Odour (Agreeable), 3. Turbidity (NTU), 4. Total Dissolved Solids (mg/L), 5. pH @ 25°C, 6. Total Hardness as CaCO3 (mg/L), 7. Total Alkalinity as CaCO3 (mg/L), 8. Nitrate as NO3 (mg/L), 9. Fluoride as F- (mg/L), 10. Chloride as Cl- (mg/L).

Authorised Signatory
P. VASANTHAN

39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600 124. Phone : 044-26811662 - 664 Fax : 044-26811665
Sl.No.: SMS/2015-17/001203

Approved by MoEF, APEDA, FSSAI & AGMARK and Certified for ISO 9001:2008 & OHSAS 18001:2007

WARNING : The Findings constitute no warranty of the samples representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues established therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 7 days (in case of perishable items) and 30 days.

SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT

Report No. : EN/15100128-01

Report Date : 04 Nov 2015

Biological
Mechanical

Sl No	Parameter	Test Method	Unit	Results	Requirement Limits as per IS 10500:2012	
					Acceptable Limit	Permissible Limit in the absence of alternative source
111	Sulphate as SO ₄	IS 3025 (Part 40): 1991 Reaff. 2009	mg/L	120	Max 200	Max 400
112	Calcium as Ca	IS 3025 (Part 40): 1991 Reaff. 2009	mg/L	0.8	Max 75	Max 200
113	Magnesium as Mg	IS 3025 (Part 40): 1991 Reaff. 2009	mg/L	0.5	Max 30	Max 100
114	Iron as Fe	IS 3025 (Part 53): 2003 Reaff. 2009	mg/L	BDL (DL 0.05)	Max 0.3	No relaxation
115	Electrical Conductivity @ 25°C	IS 3025 (Part 14): 1984 Reaff. 2006	µS/cm	560		
Microbiological Analysis						
116	Coliforms	IS 1622:1981 (Reaff. 2009)	Absent/100ml	Absent/100ml	Absent/100ml	Absent/100ml
117	E. Coli	IS 15185:2002 (Reaff. 2009)	Absent/100ml	Absent/100ml	Absent/100ml	Absent/100ml

Note: BDL - Below Detection Limit, DL - Detection Limit

Remarks: The above mentioned water sample conforms to the requirements of Acceptable Limits as per IS 10500:2012 for the above tested parameters

End of Report

T. ROOSO *P. VASANTHAN*
T. ROOSO **P. VASANTHAN**
 MANAGER - MICROBIOLOGICAL Sr. Executive Chemist

39/6, Thiruvallur High Road, Puduchattaram Post, Thirumadhurai, Poonamallee Taluk, Chennai - 600 124, Phone : 044-26811662 - 664 Fax : 044-26811665

Approved by MoEF, APEDA, FSSAI & AGMARK and Certified for ISO 9001:2008 & OHSAS 18001:2007

WARNING: The Findings constitute no warranty of the samples representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues established therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 7 days (in case of perishable items) and 30 days