



SHRI OM TESTING & RESEARCH LABORATORY

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N.A.B.L. Accredited, ISO 9001, ISO 14001 & ISO 45001 Certified Laboratory.

TEST REPORT

Issued To: M/s. ST. JOHN'S SCHOOL
HS-01 Sector-2, Greater Noida
(WEST) U.P-203207

Report No. : STRL13042024023
Issued Date : 13.04.2024
Analysis Date: 09.04.2024 to 13.04.2024

RESULTS (Water Quality Analysis)

SAMPLING DETAILS

Sample Description : RO WATER
Sample Received On : 09.04.2024
Sample Collected by : STRL Staff (VISHU)
Sampling Protocol : IS-3025 (P-1) 1987
Sampling Quantity : 1000 ml

S. No.	Parameters	Units	Limits (as per IS:10500-2012)		Results	Test Method
			Desirable Limit	Permissible Limit		
01	Color	Hazen	5	15	<5	IS: 3025(Pt-4) 1983, Reaff2017
02	Odour	-	Agreeable	Agreeable	Agreeable	IS: 3025(Pt-5) 1983, Reaff2017
03	Taste	-	Agreeable	Agreeable	Agreeable	IS: 3025(Pt-8)-1984, Reaff2017
04	Turbidity	NTU	1	5	<1.0	IS: 3025(Pt-10)-1984Reaff. 2017
05	pH	-	6.5-8.5	No Relaxation	7.16	IS: 3025(Pt-11)1983, Reaff2017
06	Total Hardness (as CaCO ₃)	mg/l	200	600	36.4	IS: 3025(Pt-21)1983, Reaff2014
07	Iron (as Fe)	mg/l	0.3	No Relaxation	<0.1	APHA 23nd Ed. 2017, 3120B
08	Chlorides (as Cl)	mg/l	250	1000	16.2	IS: 3025(Pt-32)1988, Reaff2014
09	Fluoride (as F)	mg/l	1	1.5	<0.1	APHA 23nd Ed. 2017, 4500F(D)
10	TDS	mg/l	500	2000	97.8	IS: 3025(Pt-16)1984, Reaff2017
11	Calcium (as Ca ²⁺)	mg/l	75	200	12.4	IS: 3025(Pt-40)1991, Reaff2014
12	Magnesium (as Mg ²⁺)	mg/l	30	100	1.3	APHA 23nd Ed. 2017, 3500-Mg (B)
13	Copper (as Cu)	mg/l	0.05	1.5	<0.02	APHA 23nd Ed. 2017, 3120 B / 3111B (AAS)
14	Manganese (as Mn)	mg/l	0.1	0.3	< 0.01	APHA 23nd Ed. 2017, 3120 B)/ 3111B(AAS)
15	Sulphate (as SO ₄)	mg/l	200	400	4.7	IS: 3025(Pt-24)1986, Reaff2014
16	Nitrate (as NO ₃)	mg/l	45	No Relaxation	3.2	IS: 3025(Pt-34)1988, Reaff2014
17	Alkalinity (as CaCO ₃)	mg/l	200	600	18.2	IS: 3025(Pt-23)1986, Reaff2014
Bacteriological Parameters						
01	Total Coliform/100ml		Should be absent		Absent	IS: 1622-1981 (Reaff.2003)
02	E. Coli/100ml		Should be absent		Absent	IS: 1622-1981 (Reaff.2003)

Remark: The sample confirms as per IS:10500-2012 (Drinking Water) specification w.r.t above parameters.

End of Report

Page No (01 of 01)
For Shri Om Testing & Research Laboratory

Vishu
13/04/2024
Authorised Signatory
(Name, Designation & Signature with Seal)

STRL/LAB/QF/058

Rev.:00

Note: 1.The results indicated only refer to the tested samples and listed parameters and do not endorse any product. The customer asked for the above tests only.

2.This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.

3.This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory

4.The samples received shall be destroyed after 30 days from the date of issue of the certificate unless specified otherwise and sample for biological testing will be destroyed after 7 days of testing.