



GLOBAL ANALYTICAL LABORATORY

ISO 9001:2015

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PHYSICAL & CHEMICAL ANALYSIS REPORT

Report No: GAL /02/4075	Report Date: 29.02.2024
Name: M/S SHIKSHA SAGAR HIGH SCHOOL	Sample Collected On :27.02.2024
Address : # 77, 5TH MAIN, POSTAL COLONY	Sample Tested On: 27.02.2024
SANJAYNAGAR, BENGALURU - 560094	Sample Particulars: RO - WATER

The water sample submitted by client & analyzed by us with the following results:

SAMPLE DESCRIPTION: Colorless, Odorless, and Transparent Liquid

TESTS	RESULTS	Maximum RO - LIMITS (In mg/ l)	Maximum Acceptable Limits (In mg/l)	Protocol IS-3025	
(As per IS 10500:2012)					
1	Color, Hazen Units	<0.01	0.01	5	IS-3025/Part-4
2	Odor	Agreeable	Agreeable	Agreeable	IS-3025/Part-5
3	Turbidity, NTU	0.00	0.00	1	IS-3025/Part-10
4	PH Value	5.95	5.5 - 9	6.5 - 8.5	IS-3025/Part-11
5	Total Hardness as CaCO ₃ , mg/l	16	20	200	IS-3025/Part-21
6	Calcium as Ca, mg/l	4.81	6	75	IS-3025/Part-40
7	Magnesium as Mg, mg/l	0.72	1	30	IS-3025/Part-46
8	Chloride as Cl, mg/l	11.6	20	250	IS-3025/Part-32
9	Total Dissolved solids, mg/l	58	80	500	IS-3025/Part-16
10	Sulphate as SO ₄ , mg/l	0.00	0.00	200	IS-3025/Part-24
11	Nitrate as NO ₃ , mg/l	0.84	1	45	IS-3025/Part-34
12	Fluoride as F, mg/l	0.00	0.00	1.0	IS-3025/Part-60
13	Iron as Fe, mg/l	0.00	0.00	0.3	IS-3025/Part-53
14	Chromium as Cr, mg/l	0.00	0.00	0.05	IS-3025/Part-52
15	Zinc as Zn, mg/l	0.00	0.00	5.0	IS-3025/Part-49
16	Copper as Cu, mg/l	0.00	0.00	0.05	IS-3025/Part-42
17	Manganese as Mn, mg/l	0.00	0.00	0.1	IS-3025/Part-59
18	Residual Free Chlorine, mg/l	0.00	0.00	0.2	IS-3025/Part-26
19	Total Alkalinity as CaCO ₃ , mg/l	29	50	200	IS-3025/Part-23
20	Total Suspended Solids, mg/l	0.00	0.00	10	IS-3025/Part-16

MICROBIOLOGICAL TEST

01	Total Coli form, MPN / 100ml	Absent	Not Detectable	Not Detectable	IS-1622-1981
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Remarks: The given water sample Microbiologically Safe.

REMARK: The given sample above parameters are tested as per IS 10500 -2012 and it is Physical, Chemical Test. The water confirms IS – RO Limits and it is safe for drinking.

***** End of the Report *****

Tested By

Principal
Shiksha Sagar High School
Manager



Authorized Signature

Note : 1. The Results listed above pertain only to the tested samples and applicable parameters. 2. Samples will be store for a period of 15 days unless otherwise specified. 3. This report is not to be reproduced either wholly or in part in any form without prior written permission. 4. Sampling not done by us unless specified.