



GLOBAL ANALYTICAL LABORATORY

ISO 9001:2015

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PHYSICAL & CHEMICAL ANALYSIS REPORT

Report No : GAL /04/4229	Report Date: 20.04.2024
Name: M/S POORNA SMRITHI PUBLIC SCHOOL	Collected On : 18.04.2024
Address: LR BANDE ROAD, OPP TO RAGHAVENDRA	Sample Tested On: 18.04.2024
TEMPLE, SHAMPURA KAVAL, BAIRASANDRA, B/LORE - 560032	Sample Particulars: CAUVERY WATER

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

SAMPLE DESCRIPTION: Colorless, Odorless, and Transparent Liquid

TESTS	RESULTS	Maximum Acceptable Limits (In mg/l)	Maximum Permissible Limits (In mg/l)	Protocol IS-3025	
(As per IS 10500:2012)					
1	Color, Hazen Units	<5	5	25	IS-3025/Part-4
2	Odor	Agreeable	Agreeable	Agreeable	IS-3025/Part-5
3	Turbidity, NTU	0.23	1	5	IS-3025/Part-10
4	PH Value	8.15	6.5 - 8.5	No Relaxation	IS-3025/Part-11
5	Total Hardness as CaCO ₃ , mg/l	108	200	600	IS-3025/Part-21
6	Calcium as Ca, mg/l	36	75	200	IS-3025/Part-40
7	Magnesium as Mg, mg/l	14.5	30	100	IS-3025/Part-46
8	Chloride as Cl, mg/l	53.8	250	1000	IS-3025/Part-32
9	Total Dissolved solids, mg/l	192	500	2000	IS-3025/Part-16
10	Sulphate as SO ₄ , mg/l	0.00	200	400	IS-3025/Part-24
11	Nitrate as NO ₃ , mg/l	8.13	45	No Relaxation	IS-3025/Part-34
12	Fluoride as F, mg/l	0.67	1.0	1.5	IS-3025/Part-60
13	Iron as Fe, mg/l	0.09	0.3	1	IS-3025/Part-53
14	Chromium as Cr, mg/l	<0.05	0.05	No Relaxation	IS-3025/Part-52
15	Zinc as Zn, mg/l	<0.1	5.0	15	IS-3025/Part-49
16	Copper as Cu, mg/l	<0.05	0.05	1.5	IS-3025/Part-42
17	Manganese as Mn, mg/l	<0.1	0.1	0.3	IS-3025/Part-59
18	Residual Free Chlorine, mg/l	0.07	0.2	1	IS-3025/Part-26
19	Total Alkalinity as CaCO ₃ , mg/l	28	200	600	IS-3025/Part-23
20	Total Suspended Solids, mg/l	2.2	10	15	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 – Acceptable Limits.

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

Tested By



Analyst's 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 and cannot be used as an evidence in the court of law and should not be used in any advertising media without prior written permission. 4. Sampling not done by us unless specified.