



SV ENVIRO LABS & CONSULTANTS

(ENVIRONMENTAL ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)

Corporate Office & Laboratory : Enviro House, B-1, Block-B, IDA, Autonagar, Visakhapatnam-530012.
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Ref: SVELC/PM/24-08/02

Date: 04-09-2024

NAME AND ADDRESS : M/s. PM SHRI KENDRIYA VIDYALAYA NO.1,
VIJAYAWADA,
ANDHRA PRADESH.

SAMPLE PARTICULARS : WATER

SOURCE OF COLLECTION : DRINKING WATER

SAMPLE CODE : SVELC/24/5271

DATE OF RECEIPT : 30-08-2024

START DATE OF ANALYSIS : 30-08-2024

END DATE OF ANALYSIS : 04-09-2024

TEST REPORT

S.NO	PARAMETER	UNIT	RESULT	IS 10500:2012 Specifications	METHOD
1.	Turbidity	NTU	<0.01	1.0	APHA, 2130-B, 24th Ed.
2.	pH	-	6.77	6.5 – 8.5	APHA, 4500-H+B, 24th Ed.
3.	Total Dissolved Solids	mg/l	39.5	500	APHA, 2540-C, 24th Ed.
4.	Total Alkalinity as CaCO ₃	mg/l	25.0	200	APHA, 2320-B, 24th Ed.
5.	Total Hardness as	mg/l	7.0	200	APHA, 2340-C, 24th Ed.
6.	Calcium as Ca	mg/l	1.60	75	APHA, 3500-Ca B, 24th Ed.
7.	Magnesium as Mg	mg/l	0.72	30	APHA, 3500-Mg B, 24th Ed.
8.	Chlorides as Cl	mg/l	13.8	250	APHA, 4500-Cl B, 24th Ed.
9.	Fluorides as F	mg/l	0.10	1.0	APHA, 4500-FD, 24th Ed.
10.	Nitrates as NO ₃	mg/l	1.0	45	APHA, 4500 NO3-B & C, 24th
11.	Sulphates as SO ₄	mg/l	<1.0	200	APHA, 4500-SO ₄ ²⁻ E, 24th Ed.
12.	Iron as Fe	mg/l	<0.01	0.3	APHA, 3120-B, 24th Ed.
13.	Free Residual Chlorine	mg/l	<0.1	0.2	IS 3025 P:26:1986, (RA:2003)
14.	Copper as Cu	mg/l	<0.01	0.05	APHA, 3120-B, 24th Ed.
15.	Manganese as Mn	mg/l	<0.01	0.1	APHA, 3120-B, 24th Ed.
16.	Zinc as Zn	mg/l	<0.01	5.0	APHA, 3120-B, 24th Ed.
17.	Lead as Pb	mg/l	<0.01	0.01	APHA, 3120-B, 24th Ed.
18.	Nickel as Ni	mg/l	<0.01	0.02	APHA, 3120-B, 24th Ed.
19.	Total Arsenic as As	mg/l	<0.01	0.01	APHA, 3120-B, 24th Ed.
20.	Total Chromium as Cr	mg/l	<0.01	0.05	APHA, 3120-B, 24th Ed.



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MICROBIOLOGY:

21.	<i>E. coliforms</i>	CFU/ 100mL	Not Detected	Shall not be detected in 100 ml	IS 15185:2016
22.	<i>Total Coliforms</i>	CFU/ 100mL	Not Detected	Shall not be detected in 100 ml	IS 15185:2016

Note: As per the above report, all the parameters are within IS 10500:2012 Drinking Water Specifications.

CHECKED BY



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