



SIMHADRI LABS

ISO 9001:2015 Certified

(Environmental, Petroleum, Civil, Chemical & Microbiological Divisions)

CERTIFICATE OF EXAMINATION

Ref No: SL/314/R/2025

Dated: 20/11/2025

Description of Sample	Drinking Water
Account	M/s. KAVIRAYANI PUBLIC SCHOOL, PARVATHIPURAM.
Date of receipt	20/11/2025
Sample	Submitted by party

ANALYSIS REPORT

S.No	Parameters	Results	IS:10500 Specifications for Drinking water		Units
			Desirable limit	Permissible limit	
1	Color	Colorless	5	25	Hazen
2	Odor	Un-objectionable	Un-objectionable	Un-objectionable	-
3	Turbidity	<1.0	5	10	NTU
4	pH	7.0	6.5-8.5	-	-
5	Total Dissolved Solids	128	500	2000	ppm
6	Total Suspended Solids	<2.0	3	-	ppm
7	Chlorides as Cl	46	250	1000	ppm
8	Fluorides	0.66	0.6-1.2	1.5	ppm
9	Total Hardness as CaCO ₃	78	300	600	ppm
10	Calcium Hardness as CaCO ₃	53.8	-	-	ppm
11	Magnesium Hardness as CaCO ₃	24.2	-	-	ppm
12	M- Alkalinity	84	200	600	ppm
13	P-Alkalinity	Nil	0.2	1.0	Ppm
14	Sulphate as SO ₄	Nil	150	400	Ppm
15	Nitrate	Nil	45	-	Ppm
16	Sulphide	Nil	-	-	Ppm
17	Nitrite	Nil	-	-	Ppm
18	Iron as Fe	Nil	0.3	1.0	Ppm
19	Residual free chlorine	Nil	0.2	-	Ppm

Note: All the above parameters are within the limits as per IS: 10500, drinking water specifications.


Chemist





Authorised Signatory

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