



# SUNRISE ENVIRONMENTAL LABS PVT. LTD. <sup>TM</sup>

H. No. 3-217/3/A, P No. 2, Behind Bus Stand, Nandi Hills, Road No.2, Meerpet, Ranga Reddy. Dist.

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Accredited by NABL ISO/IEC 17025: 2017, ISO 9001: 2015, and OHSAS 45001: 2018

## ANALYSIS REPORT

Registration Number	: SEL/202526/05/0020	Issue date	: 30.05.2025
Sample received	: 29.05.2025	Client ref	: Telephonic
Date of sampling	: 29.05.2025	and date	: 29.05.2025
Date of completion	: 30.05.2025	Sample Collected By	: Client
Name & Address of the client	M/s. Vivek Vardhini School of Excellence School, # 5-1-524, Dharmaveer Waman Nall Marg, Jambagh, Hyderabad-500001, Telangana		
Sample Particulars	RO Water sample at M/s. Vivek Vardhini School of Excellence School		
Qty-received	RO Water – 1 lit 1 sample.		
Sampling Procedure	As per the Indian Standard Methods		

## TEST RESULTS

S. No	Parameters	Units	Test Method	Result	Drinking Water Limits As per IS: 10500; 1991 (Reaffirmed-2012)	
					Desirable Limits	Permissible limits in absence of alternative Source

### PHYSICAL EXAMINATION

1.	pH at 25°C	--	IS:3025 part 11 1983	7.84	6.50 – 8.50	No relaxation
2.	Conductivity at 25°C	µs/cm	IS: 3025 Part 14 1984	97	--	--
3.	Total Dissolved Solids (TDS)	mg/L	IS: 3025 Part 16 1984	51	500 max	2000 max
4.	Turbidity	NTU	IS: 3025 Part 10 1984	Nil	1 max	5 max
5.	Color	Hazen	IS: 3025 Part 4 1983	<01	5 max	15 max

### CHEMICAL EXAMINATION

6.	Total Hardness as CaCO <sub>3</sub>	mg/L	IS: 3025 Part 21 2009	7.1	200 max	600 max
7.	Alkalinity – Phenolphthalein	mg/L	IS: 3025 Part 22 1986	Nil	---	---
8.	Alkalinity – Methyl Orange	mg/L	IS: 3025 Part 23 1986	6.4	200 max	600 max
9.	Calcium as Ca	mg/L	IS: 3025 Part 40 1991	1.9	75 max	200 max
10.	Magnesium as Mg	mg/L	IS: 3025 Part 46 1994	0.5	30 max	100 max
11.	Non – Carbonate Hardness	mg/L	IS: 3025 Part 51 2002	0.5	---	---
12.	Chloride as Cl	mg/L	IS: 3025 Part 32 1988	5.4	250 max	1000 max
13.	Sodium as Na	mg/L	IS: 3025 Part 45 1993	7.8	---	---
14.	Potassium as K	mg/L	IS: 3025 Part 45 1993	0.6	---	---
15.	Sulphate as SO <sub>4</sub>	mg/L	IS: 3025 Part 24 1986	4.1	200 max	400 max
16.	Nitrate as NO <sub>2</sub>	mg/L	IS: 3025 Part 34 1988	1.0	45 max	No relaxation
17.	Silica as SiO <sub>2</sub>	mg/L	IS: 3025 Part 35 1988	0.39	05 max	No relaxation
18.	Iron as Fe	mg/L	IS: 3025 Part 53 2003	0.02	0.3 max	No relaxation
19.	Fluoride as F	mg/L	APHA 4500 F D 23r <sup>d</sup> Edition	0.28	1.0 max	1.5 max

NOTE: 1. Sampling & Analysis were done as per Standard Methods prescribed by BIS



Authorized Signature