



VISON LABS

Environmental Consultants & Analytical Services

Accredited by MoEF & CC, NABET-QCI
ISO 9001 : 2015 & OHSAS 45001 : 2018

TEST REPORT

Issued to: M/s. Vasavi Public School #3-6-215, Himayat Nagar Street Number 15, AP State Housing Board, Himayatnagar, Hyderabad, Telangana -500029.		Issued Date	24.03.2023
		Our Ref No	VL-202300005095
		Your Ref No	Verbal
		Your Ref Date	18.03.2023
Sample description and Location Given By Customer	Drinking Water	Mode of Packing	Pet bottle
Appearance of the Sample	Clear Liquid	Sample condition of at the time of Receiving	Found Ok
		Sample Quantity	1 ltr
Sample Registration Date	16.03.2022	Date of Analysis	17.03.2023
Sample Registration Time	05:00 pm	Analysis Completion date	23.03.2023
Sample Collected by Customer		<i>Sample Tested As Received Basis</i>	

TEST RESULTS

S. No	Parameters	Test Method	Units of Measurement	Test Results	Drinking Water Limits As per IS: 10500; 2012	
					Acceptable Limits	Permissible limits in absence of alternative Source

PHYSICAL EXAMINATION

1.	pH at 25°C	IS:3025 part 11 :2022	--	7.60	6.50 – 8.50	No relaxation
2.	Conductivity at 25°C	IS: 3025 Part 14 1984, RA-2019	µmhos/cm	590	--	--
3.	Total Dissolved Solids	IS: 3025 Part 16 1984, RA-2017	mg/L	384	500 max	2000 max
4.	Turbidity	IS: 3025 Part 10 1984, RA-2017	NTU	<1.0	1 max	5 max
5.	Color	IS: 3025 Part 4 1983, RA-2021	CU	<01	5 max	15 max

CHEMICAL EXAMINATION

6.	Total Hardness as CaCO ₃	IS: 3025 Part 21 2009, RA-2019	mg/L	150	200 max	600 max
7.	Alkalinity – Phenolphthalein	IS: 3025 Part 23 1986, RA-2019	mg/L	Nil	---	---
8.	Alkalinity – Methyl Orange	IS: 3025 Part 23 1986, RA-2019	mg/L	120	200 max	600 max
9.	Calcium as Ca	IS: 3025 Part 40 1991, RA-2019	mg/L	40.0	75 max	200 max
10.	Magnesium as Mg	IS: 3025 Part 46 1994, RA-2019	mg/L	12.0	30 max	100 max
11.	Chloride as Cl	IS: 3025 Part 32 1988, RA-2019	mg/L	75.0	250 max	1000 max
12.	Sodium as Na	IS: 3025 Part 45 1993, RA-2019	mg/L	63.4	---	---
13.	Potassium as K	IS: 3025 Part 45 1993, RA-2019	mg/L	3.9	---	---
14.	Sulphate as SO ₄	APHA 23 rd Edn:2017 - 4500 SO ₄ , E	mg/L	59.8	200 max	400 max
15.	Nitrate as NO ₃	IS: 3025 Part 34 1988, RA-2019	mg/L	7.4	45 max	No relaxation
16.	Silica as SiO ₂	IS: 3025 Part 35 1988, RA-2019	mg/L	3.2	--	--
17.	Iron as Fe	IS: 3025 Part 53 2003, RA-2019	mg/L	0.08	1.0 max	No relaxation
18.	Fluoride as F	APHA 4500 F B, D 23 rd Edition	mg/L	0.40	1.0 max	1.5 max

Microbiological Analysis

1.	Total Plate Count	IS:5402-2012, RA-2018	CFU/mL	Not Detected	--
2.	Coli form Bacteria	IS: 15185: 2016, RA-2021	CFU/100mL	Not Detected	Shall Not be Detectable in any 100 mL
3.	E. Coli	IS: 15185: 2016, RA-2021	CFU/100mL	Not Detected	

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 Sr. Chemist	 Sr. Microbiologist	 Authorized Signatory
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VL/QM/7. 8/TR

PRINCIPAL

Secretary

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NOTE : This Report is subject to the terms and conditions mentioned overleaf.