



VISON LABS

Environmental Consultants & Analytical Services

Recognised by ISO/IEC 17025:2005 (NABL), MoEF & CC, FSSAI, NABET-QCI, ISO 9001 : 2015 & OHSAS 18001 : 2007.

TEST REPORT

Issued to: M/s. Academic Heights Public School 18-4-42/4/A, Shamsheergunj, Aliabad, Hyderabad, Telangana 500053		Issued Date	15.05.2019
		Our Ref No	TC50641900009498F
		Your Ref No	Verbal
		Your Ref Date	13.05.2019
Sample description	R.O. 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	13.05.2019	Date of Analysis	13.05.2019
Sample Registration Time	11:00 am	Analysis Completion date	14.05.2019
Sample Collected by Customer		<i>Sample Tested As Received Basis</i>	

TEST RESULTS

S. No	Parameters	Units of Measurement	Test Method	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 1983, RA-2017	6.59	6.50 - 8.50	No relaxation
2.	Conductivity at 25°C	µmhos/cm	IS: 3025 Part 14 1984, RA-2013	114	--	--
3.	Total Dissolved Solids	mg/L	IS: 3025 Part 16 1984, RA-2017	73	500 max	2000 max
4.	Turbidity	NTU	IS: 3025 Part 10 1984, RA-2017	<1.0	1 max	5 max
5.	Color	Hazen	IS: 3025 Part 4 1983, RA-2017	<01	5 max	15 max
CHEMICAL EXAMINATION						
6.	Total Hardness as CaCO ₃	mg/L	IS: 3025 Part 21 2009, RA-2014	10	200 max	600 max
7.	Alkalinity - Phenolphthalein	mg/L	IS: 3025 Part 23 1986, RA-2014	Nil	---	---
8.	Alkalinity - Methyl Orange	mg/L	IS: 3025 Part 23 1986, RA-2014	20	200 max	600 max
9.	Calcium as Ca	mg/L	IS: 3025 Part 40 1991, RA-2014	2.0	75 max	200 max
10.	Magnesium as Mg	mg/L	IS: 3025 Part 46 1994, RA-2014	1.2	30 max	100 max
11.	Non - Carbonate Hardness	mg/L	IS: 3025 Part 51 2001, RA-2006	Nil	---	---
12.	Chloride as Cl	mg/L	IS: 3025 Part 32 1988, RA-2014	15.0	250 max	1000 max
13.	Sodium as Na	mg/L	IS: 3025 Part 45 1993, RA-2014	20.0	---	---
14.	Potassium as K	mg/L	IS: 3025 Part 45 1993, RA-2014	0.6	---	---
15.	Sulphate as SO ₄	mg/L	IS: 3025 Part 24 1986, RA-2014	12.4	200 max	400 max
16.	Nitrate as NO ₃	mg/L	IS: 3025 Part 34 1988, RA-2014	1.2	45 max	No relaxation
17.	Silica as SiO ₂	mg/L	IS: 3025 Part 35 1988, RA-2014	<0.02	--	--
18.	Iron as Fe	mg/L	IS: 3025 Part 53 2003, RA-2014	<0.04	0.3 max	No relaxation
19.	Fluoride as F	mg/L	APHA 4500 FD 23 rd Edition	<0.10	1.0 max	1.5 max

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Checked by	Sr. Chemist	Authorized Signatory

VL/QEHS/5. 10/TR