



AES TESTING LABORATORY

(ISO 9001:2005/ISO45001:2018 Certified Laboratory)

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TEST REPORT

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Report No: AESTL/24/06/W/00193	Report Date : 14/06/2024
Issued To: M/s.SRI RAGHAVENDRA INTERNATIONAL SCHOOL Urdigere Main Road, Koratagere-572129.	Customer Reference: Verbal
	Date of Receipt : 10/06/2024
	Date of test Start : 10/06/2024
	Date of Completion of test: 14/06/2024
Sample Collected By: Customer	Sample Particulars : RO water

Analytical Result

Sl. No	Tests	Results	Maximum Acceptable Limits (in mg/L)	Maximum Permissible Limits (in mg/L)	Protocol
			(As per IS 10500:2012)		
01	Colour, Hazen Units	<1.0	5	15	APHA 2120 B
02	Odour	Agreeable	Agreeable	Agreeable	APHA 2150 C
03	Turbidity, NTU	<1.0	1	5	APHA 2130 B
04	pH Value	6.6	6.5 - 8.5	No Relaxation	APHA 4500 H+ B
05	Electrical conductivity, $\mu\text{s/cm}$	57.0	_____	_____	APHA 2510B
06	Total Hardness as CaCO_3 , mg/L	12.0	200	600	APHA 2340 C
07	Calcium as Ca, mg/L	2.0	75	200	APHA 3500 Ca
08	Magnesium as Mg, mg/L	1.0	30	100	APHA 3500 Mg - B
09	Chloride as Cl, mg/L	5.0	250	1000	APHA 4500 Cl
10	Total Dissolved Solids, mg/L	35.0	500	2000	APHA 2540 C
11	Sulphate as SO_4 , mg/L	<1.0	200	400	APHA 4500 SO_4 - E
12	Nitrate as NO_3 , mg/L	1.2	45	No Relaxation	IS 3025 Part 34
13	Fluoride as F, mg/L	0.38	1.0	1.5	APHA 4500 F- D
14	Iron as Fe, mg/L	<0.05	0.3	No Relaxation	APHA 3500 Fe
15	Total Alkalinity as CaCO_3 , mg/L	20.0	200	600	APHA 2320 B
16	Total Coliform MPN/100ml	Absent	Absent		IS :15185:2016 (Ref 2021)
17	E.Coli MPN/100ml	Absent	Absent		IS :15185:2016 (Ref 2021)

Remarks: The above given parameter of given water sample meets to acceptable limits as per

IS 10500: 2012 for above chemical and Microbiological test.

*****End of the Report*****

Tested By :

Authorized Signature

Note : 1. The Result listed pertain only to tested samples and applicable parameters. 2. Samples will be destroyed after 75 days from the date of issue of test certificate unless & otherwise Specified. 3. This Report is not be reproduced either wholly or in part and can not be used an evidence in the count of law and should not any adverting media without prior Written permission. 4. Sampling not done by us, unless specified.