



DRINKING WATER SAMPLE ANALYSIS REPORT

ULR-TC720019000000048F

Sampling ID No. /Report No. - ETS/2019/48	Reporting Date:- 13/06/2019
Name & Address of the Industry	M/s PRESIDENCY THE INTENATIONAL SCHOOL, Sector-04, Gaurav Path, Bhiwadi, Alwar(Raj.)

SAMPLING DETAIL

DATE OF SAMPLING:- 08/06/2019
Sample-Description: - Drinking Water (R.O.)
Sample Quantity :- 2 Ltr. + 200ml Approx.
Packing Condition :- Sealed
Sampling Done By:- ETS Representative.

Analysis start date:- 08/06/2019

Packed In :- PVC Bottle.
Analysis Protocol:- IS 3025 : APHA
Analysis End Date:- 13/06/2019

ANALYSIS REPORT

Sr. No.	Parameter	Concentration	Standard Drinking water Specification as per IS-10500: 2012 .		Protocol (Test Method)
			Desirable Limit	Permissible Limit in absence of alternated source	
1	Color, Hazen Units	<5 .	5	25	APHA(23 rd Edition)2017 2120 B (Visual Comparison Method)
2	pH	7.02	6.5-8.5	-	APHA(23 rd Edition)2017 4500-H-B (Electrometer Method)
3	Total Hardness(as CaCO3)	27.44	200 Mg/L	600Mg/L	APHA(23 rd Edition)2017 2340 C(EDTA Titrimetric Method)
4	Turbidity	<1	1	5	APHA(23 rd Edition)2017 2130 B (Nephlo metric Method)
5	Mg Hardness -	2.85	30 Mg/l	100 Mg/l	APHA(23 rd Edition)2017 3500 Mg B(Calculation Method)
6	Total Alkalinity(as CaCO3)	30	200 Mg/l	600 Mg/l	APHA(23 rd Edition)2017 2320 A (Titrimetric Method)
7	Residual free Chlorine	BDL(0.1 Mg/l)	0.2 Mg/l	1.0 Mg/l	IS 3025(P-35)-1986 (Iodometric Method)
8	Iron (as Fe)	BDL(0.05 Mg/l)	0.3 Mg/L	1.0 Mg/L	APHA(23 rd Edition)2017 (P-3111) (Phenanthroline Method)
9	Chloride (as Cl)	21.05	250 Mg/L	1000 Mg/L	APHA(23 rd Edition)2017 4500-Cl-B (Argentometric Method)
10	TDS(Total Dissolved Solids)	108.4	500 Mg/L	2000 Mg/L	APHA(23 rd Edition)2017 2540-C (Gravimetric Method)
11	Calcium Hardness (as Ca)	6.27	75 Mg/L	200 Mg/L	APHA(23 rd Edition)2017 3500 Ca, A (EDTA Titrimetric Method)
12	Fluoride (as F)	BDL(0.1 Mg/l)	1.0 Mg/L	1.5 Mg/L	APHA(23 rd Edition)2017 (P-4500) (SPADNS Method)
Bacteriological Characteristics					
13	Coliform Organisms	Absent	Shall not be detectable in any 100 ml sample	No relaxation	IS: 1622-1981
14	E.Coli	Absent	Shall not be detectable in any 100 ml sample	No relaxation	IS: 1622-1981

Remarks:

- Tested Sample is Drinking Water. Tested as per IS 10500 : 2012.
- All the parameters are Mg/L or PPM except PH, Colour, Turbidity & B.Count.
- BDL:- Below the Detection Limit.
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