



SIMHADRI LABS

ISO 9001:2015 Certified

(Environmental, Petroleum, Civil, Chemical & Microbiological Divisions)

CERTIFICATE OF EXAMINATION

Ref. No: SL/589/R/2024

Dated: 14/06/2024

Description of Sample	RO Outlet Water
Account	To, The Manager, M/s.Vijayan School, D.No:9-137/3,Kommadi 100 Ft Road, Kommadi, Madhurawada, Visakhapatnam-530048.
Date of receipt	12/05/2024
Sample	Submitted by party

ANALYSIS REPORT

S.No	Parameters	Results	IS:10500 Specifications for Drinking water		Units
			Desirable limit	Permissible limit	
1.	Color	Colorless	5	25	Hazen
2.	Odor	Un-objectionable	Un-objectionable	Un-objectionable	-
3.	Turbidity	<1.0	5	10	NTU
4.	pH	6.7	6.5-8.5	-	-
5.	Total Dissolved Solids	32	500	2000	mg/l
6.	Total Suspended Solids	<1.0	5	10	mg/l
7.	Chlorides as Cl	9.0	250	1000	mg/l
8.	Fluorides	Nil	0.6-1.2	1.5	mg/l
9.	Total Hardness as CaCO ₃	18	300	600	mg/l
10.	Calcium as CaCO ₃	12	-	-	mg/l
11.	Magnesium as CaCO ₃	6	-	-	mg/l
12.	M- Alkalinity	8.5	200	600	mg/l
13.	P-Alkalinity	Nil	-	-	mg/l
14.	Sulphate as SO ₄	Nil	150	400	mg/l
15.	Nitrate	Nil	45	-	mg/l
16.	Sulphide	Nil	-	-	mg/l
17.	Nitrite	Nil	-	-	mg/l
18.	Iron as Fe	Nil	0.3	1.0	mg/l
19.	Residual free chlorine	Nil	0.2	-	mg/l

Note: As received the RO outlet water sample, all the above parameters are within limits as per IS:10500 drinking water specifications.

Abbu
Chemist



[Signature]
Authorized Signatory

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