



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
VIRUDHUNAGAR
TEST REPORT

From
R.VinothKumar B.Sc.,
Junior Water Analyst,
District Water Testing Laboratory,
Virudhunagar.

TO
Arasan Model School (CBSE),
749, Sivakasi-Virudhunagar Main road,
Thiruthangal post,
Sivakasi - 626130

Sir,

Lr No : 2178 to B.2179/JWA/DWTL/VNR/2024/ Dt : 01.04.2024

Sub : Examination of Water sample- report -furnished - reg.

Ref : T.O Invoice.No 6563 Dt: 27.03.2024 for Rs .1,652/-

The result of analysis for the samples sent under reference is furnished below.

Source : Well Water

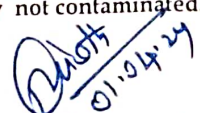
Location : Above Address

Date of Collection : 27.03.2024

Date of Receipt : 27.03.2024

I.PHYSICAL EXAMINATION:	BIS Limit: (10500: 2012)		Lab No
	Acceptable limit	Permissible limit in the absence of alternative source	P/C:2024/VNR/2178
1. Appearance	-	-	Clear&Colourless
2. Colour (pt.co-scale)	5	15	
3. Odour	Unobjectionable		None
4. Turbidity NT Units	1	5	0
5.Total diss.Solids mg/l	500	2000	713
6. Electrical Conductivity Micro mho/cm	-	-	1018
II.CHEMICAL EXAMINATION:			
7. pH	6.5-8.5	6.5-8.5	7.02
8. Ph. Alkalinity as CaCO ₃	-	-	0
9. Total Alk. as CaCO ₃	200	600	236
10. Total Hardness as CaCO ₃	200	600	252
11. Calcium as Ca	75	200	63
12. Magnesium as Mg	30	100	24
13. Iron as Fe	0.1	1.0	0
14 Manganese	0.1	0.3	0
15. Free Ammonia as NH ₃	0.5	0.5	0
16. Nitrite as NO ₂	0.5	0.5	0
17. Nitrate as NO ₃	45	45	3
18. Chloride as Cl	250	1000	202
19. Fluoride as F	1.0	1.5	1.0
20. Sulphate as SO ₄	200	400	18
21. Phosphate as PO ₄	0.5	0.5	0
22. Tidy's Test 4 hrs.as O ₂	-	-	0.6
23. Residual Chlorine as RC	0.2	0.5	0
III.BACTERIOLOGICAL EXAMINATION:			B.2179
24. Faecal coliform per 100 ml	0	0/100 ml	0

Result : The given water sample is chemically potable and Bacteriologically not contaminated.


Junior Water Analyst,
District Water Testing Laboratory,
Virudhunagar.

Note: All the Chemical Parameters are Expressed in mg/L.