

GOVERNMENT OF PUDUCHERRY  
WATER TESTING LABORATORY  
PWD, KARAİKAL

No.8/WTL/PWD/KKL/2024-25

Dt. 17.12.2025

To

The Principal  
Bright Academy School,  
Vettaikaran street, Karaikal.

Sir,

Sub: Testing of water sample - Report forwarding of – Reg.

Ref : Vide Cash Receipt Number:420008 Dt.16.12.2025 for Rs.640/- (490+150=640)

The sample of water sent vide letter reference cited has been analyzed with the results as under.

RESULTS OF PHYSICAL AND CHEMICAL ANALYSIS OF WATER

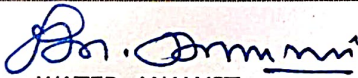
Laboratory sample reference	:	P-112
Source and place of water sample	:	RO Water , Bright Academy School, Vettaikaran street, Karaikal. (supplied by the individual)
Date of collection	:	16.12.2025
Organoleptic properties	:	Clear water
Turbidity ( NTU )	:	Nil
Conductivity ( Micro mhos / cm )	:	217
pH	:	7.92

(Results expressed as Mgs/Lts)

Total solids	:	137
Dissolved solids	:	137
Total Hardness as CaCO <sub>3</sub>	:	32
Alkalinity due to phenolphthalein as CaCO <sub>3</sub>	:	Absent
Total Alkalinity as CaCO <sub>3</sub>	:	40
Chloride as Cl	:	42.5
Sulphate as SO <sub>4</sub>	:	4.8
Iron as Fe	:	0.11
Calcium as Ca	:	3.2
Magnesium as Mg	:	5.8
Nitrate as NO <sub>3</sub>	:	1.3
Fluoride as F	:	Negligible
Residual Chlorine in ppm	:	Nil
Remarks	:	<b>SATISFACTORY</b>


<i>Drinking Water Standards (IS 10500 Revised)</i>	
<i>Desirable</i>	<i>Max. Pers. Limits</i>
<i>Un objectionable</i>	
5.0	10
-	-
6.5 to 8.5	6.5 to 8.5

500	2000
500	2000
300	600
-	-
200	600
250	1000
200	400
0.3	1.0
75	200
30	150
45	45
1.0	1.5

  
WATER ANALYST

  
BIOCHEMIST

Counter Signed

  
ASSISTANT ENGINEER  
PUBLIC HEALTH SUB DIVISION  
PWD, KARAİKAL.

Copy submitted to:- The Executive Engineer, I & PH, PWD, Karaikal for favour of kind information please.