

GOVERNMENT OF PUDUCHERRY
WATER TESTING LABORATORY
PWD, KARAIKAL

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 forRs.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

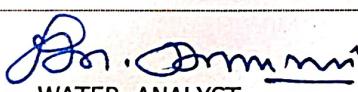
Laboratory sample reference	:	P-112
Source and place of water sample	:	RO Water , Bright Academy School, Vettaikaran street, Karaikal. (supplied by the individual)
Date of collection	:	16.12.2025
Organoleptic properties	:	Clear water
Turbidity (NTU)	:	Nil
Conductivity (Micro mhos / cm)	:	217
pH	:	7.92

(Results expressed as Mgs/Lts)

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

Drinking Water Standards (IS 10500 Revised)	
Desirable	Max. Pers. Limits
<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,KARAikal.

17/12/25

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