

GOVERNMENT OF PUDUCHERRY  
WATER TESTING LABORATORY  
PWD, KARAIKAL

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

Dt. 11.11.2024

To

The Principal,  
Bright Academy(CBSE),  
Vettaikaran Street, Kovilpathu,  
Karaikal.

Sir,

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

Ref : Vide Cash Receipt Number: 393862 Dt.8.11.2024 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-94
Source and place of water sample	: RO water ,Bright Academy(CBSE), Vettaikaran Street,Karaikal (supplied by the individual)
Date of collection	: 8.11.2024
Organoleptic properties	: Clear water
Turbidity ( NTU )	: Nil
Conductivity ( Micro mhos / cm )	: 100
pH	: 7.52

(Results expressed as Mgs/Lts)

Total solids	: 63
Dissolved solids	: 63
Total Hardness as CaCO <sub>3</sub>	: 20
Alkalinity due to phenolphthalein as CaCO <sub>3</sub>	: Absent
Total Alkalinity as CaCO <sub>3</sub>	: 16
Chloride as Cl	: 12.8
Sulphate as SO <sub>4</sub>	: 4.8
Iron as Fe	: 0.11
Calcium as Ca	: 3.2
Magnesium as Mg	: 2.9
Nitrate as NO <sub>3</sub>	: 1.1
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

Counter Signed

  
ASSISTANT ENGINEER  
PUBLIC HEALTH SUB DIVISION  
PWD,KARAIKAL.

  
BIOCHEMIST

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

GOVERNMENT OF PUDUCHERRY  
WATER TESTING LABORATORY  
PWD, KARAİKAL

File No: 1/WTL/PWD/KKL/2024-25

Dt. 11.11.2024

To

The principal,  
Bright Academy(CBSE),  
Vettaikaran Street, Kovilpathu,  
Karaikal.

Ref : Vide cash Receipt Number: 393862 Dt.8.11.2024 for Rs.640/- (490+150=640/-)

I Sampling data

Laboratory Sampling No.	B-382
Sampling Site	Bright Academy(CBSE)
Place	Vettaikaran Street, Kovilpathu, Karaikal
Source	RO water
Sender	.....
Date of collection	08.11.2024 Time: 12.00 to 1.00 pm
Date of analysis	08.11.2024 Time: 2.00 to 3.00 pm
Residual chlorine	Nil mgs./Litre

II Results

Total coliforms/100 ml	< 2
E.Coli/100ml	Nil
Others	....

III.Opinion :- On the basis of the above results, the sample of water is bacteriologically found **SATISFACTORY** for drinking purpose.

  
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.