

GOVERNMENT OF PUDUCHERRY  
WATER TESTING LABORATORY  
PWD, KARAIKAL

No:365/F1/WTL/PWD/KKL/2025-26

Dt. 17.7.2025

To

The Principal,  
Achariya Siksha Mandir High School,  
No.14, Mainroad near Indian Oil Petrol bunk,  
Keezhakasakudy, Karaikal.

Ref : Vide cash Receipt Number: 413286 Dt.16.7.2025 for Rs.640/-(490+150)

I Sampling data

Laboratory Sampling No.	B- 191
Sampling Site	Achariya Siksha Mandir High School, No.14, Mainroad near Indian Oil Petrol bunk, Keezhakasakudy, Karaikal
Place	Karaikal
Source	RO Water
Sender	.....
Date of collection	16.7.2025 Time: 12.00 to 1.00 pm
Date of analysis	16.7.2025 Time: 2.00 to 3.00 pm
Residual chlorine	Nil mgs./Litre

II Results

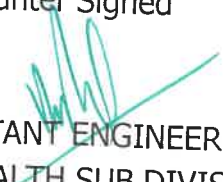
Total coliforms/100 ml	< 2
E.Coli/100ml	Nil
Others	....

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, KARAIKAL.

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

GOVERNMENT OF PUDUCHERRY  
WATER TESTING LABORATORY  
PWD, KARAİKAL

No.364/F8/WTL/PWD/KKL/2025-26

Dt. 17.7.2025

To

The Principal,  
Achariya Siksha Mandir High School,  
No.14, Mainroad near Indian Oil Petrol bunk,  
Keezhakasakudy, Karaikal.

Sir,

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

Ref : Vide Cash Receipt Number: 413286 Dt.16.7.2025 for Rs.640/-(490+150)

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-49
Source and place of water sample	:	Ro Water , Achariya Siksha Mandir High School, No.14, Mainroad near Indian Oil Petrol bunk, Keezhakasakudy, Karaikal. (supplied by the individual)
Date of collection	:	16.7.2025
Organoleptic properties	:	Clear water
Turbidity ( NTU )	:	Nil
Conductivity ( Micro mhos / cm )	:	179
pH	:	7.38

(Results expressed as Mgs/Lts)

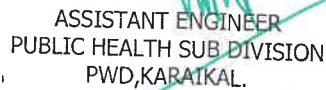
Total solids	:	113
Dissolved solids	:	113
Total Hardness as CaCO <sub>3</sub>	:	36
Alkalinity due to phenolphthalein as CaCO <sub>3</sub>	:	Absent
Total Alkalinity as CaCO <sub>3</sub>	:	27
Chloride as Cl	:	28.6
Sulphate as SO <sub>4</sub>	:	4.8
Iron as Fe	:	0.11
Calcium as Ca	:	6.4
Magnesium as Mg	:	4.8
Nitrate as NO <sub>3</sub>	:	3.3
Fluoride as F	:	Negligible
Residual Chlorine in ppm	:	—
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,KARAİKAL.

  
BIOCHEMIST

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