

GOVERNMENT OF PUDUCHERRY
WATER TESTING LABORATORY
PWD, KARAİKAL

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

Dt. 29.1.2025

To

The Principal,
Aathmalayaa Senior Secondary School,
Aathmalayaa Nagar, Keezhakasakudy,
Karaikal.

Sir,

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

Ref : Vide Cash Receipt Number: 399902Dt.28.1.2025 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-156
Source and place of water sample	:	RO Water , Aathmalayaa Senior Secondary School, Aathmalayaa Nagar, Keezhakasakudy, Karaikal. (supplied by the individual)
Date of collection	:	28.1.2025
Organoleptic properties	:	Clear water
Turbidity (NTU)	:	Nil
Conductivity (Micro mhos / cm)	:	207
pH	:	7.38

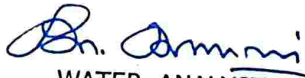
(Results expressed as Mgs/Lts)

Total solids	:	131
Dissolved solids	:	131
Total Hardness as CaCO ₃	:	40
Alkalinity due to phenolphthalein as CaCO ₃	:	Absent
Total Alkalinity as CaCO ₃	:	32
Chloride as Cl	:	34
Sulphate as SO ₄	:	6.4
Iron as Fe	:	0.11
Calcium as Ca	:	9.6
Magnesium as Mg	:	3.8
Nitrate as NO ₃	:	0.7
Fluoride as F	:	Negligible
Residual Chlorine in ppm	:	Nil
Remarks	:	SATISFACTORY

*Drinking Water Standards
(IS 10500 Revised)*

<i>Desirable</i>	<i>Max. Pers. Limits</i>
<i>Un objectionable</i>	
<i>5.0</i>	<i>10</i>
-	-
<i>6.5 to 8.5</i>	<i>6.5 to 8.5</i>

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


WATER ANALYST

Counter Signed


ASSISTANT ENGINEER
PUBLIC HEALTH SUB DIVISION
PWD, KARAİKAL.


BIOCHEMIST

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

GOVERNMENT OF PUDUCHERRY
WATER TESTING LABORATORY
PWD, KARAIKAL

File. No: 1/WTL/PWD/KKL/202-25

Dt. 29.01.2025

To

The Principal,
Aathmalayaa Senior Secondary School,
Aathmalayaa Nagar, Keezhakasakudy,
Karaikal.

Ref : Vide cash Receipt Number: 399902Dt.28.1.2025 for Rs.640/-(490+150)

I Sampling data

Laboratory Sampling No.	B- 526
Sampling Site	Aathmalayaa Senior Secondary School, Aathmalayaa Nagar, Keezhakasakudy, Karaikal.
Place	Karaikal.
Source	RO water
Sender
Date of collection	28.01.2025 Time: 12.00 to 1.00 pm
Date of analysis	28.01.2025 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.

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