

GOVERNMENT OF PUDUCHERRY
WATER TESTING LABORATORY
PWD, KARAIKAL

No. 8/WTL/PWD/KKL/2025-26

Dt. 20.03.2026

To

The Principal
Good Shepherd English School,
No.15, Melakasakudy,
Karaikal.

Sir,

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

Ref : Vide Cash Receipt Number: 420284 Dt.19.03.2026 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-179
Source and place of water sample	:	RO Water, Good Shepherd English School, No.15, Melakasakudy, Karaikal. (supplied by the individual)
Date of collection	:	19.03.2026
Organoleptic properties	:	Clear water
Turbidity (NTU)	:	Nil
Conductivity (Micro mhos / cm)	:	188
pH	:	7.16

(Results expressed as Mgs/Lts)

Total solids	:	126
Dissolved solids	:	126
Total Hardness as CaCO ₃	:	44
Alkalinity due to phenolphthalein as CaCO ₃	:	Absent
Total Alkalinity as CaCO ₃	:	32
Chloride as Cl	:	22.6
Sulphate as SO ₄	:	4.8
Iron as Fe	:	0.11
Calcium as Ca	:	9.6
Magnesium as Mg	:	4.8
Nitrate as NO ₃	:	2.3
Fluoride as F	:	Negligible
Residual Chlorine in ppm	:	—
Remarks	:	SATISFACTORY

<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


BIOCHEMIST


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, KARAIKAL

No. 1/WTL/PWD/KKL/2025-25

Dt. 20.03.2026

To

The Principal
Good Shepherd English School,
No.15, Melakasakudy,
Karaikal.

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I Sampling data

Laboratory Sampling No.	B-448
Sampling Site	Good Shepherd English School, No.15, Melakasakudy, Karaikal
Place	Karaikal.
Source	RO Water
Sender	The Principal, Good Shepherd English School, No.15, Melakasakudy, Karaikal
Date of collection	19.3.2026 Time: 12.00 to 1.00 pm
Date of analysis	19.3.2026 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

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PUBLIC HEALTH SUB DIVISION
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