

GOVERNMENT OF PUDUCHERRY
WATER TESTING LABORATORY
PWD, KARAİKAL

Dt. 8.11.2024

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

To
The Manager,
Karaikal Ammayar Higher Secondary School,
Elaikkara Street,
Karaikal.

Sir,

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

Ref : Vide Cash Receipt Number: 393660 Dt.6.11.2024 for Rs.1280/- (640+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-90
Source and place of water sample	: RO Water Karaikal Ammayar Higher Secondary School, Elaikkara Street, Karaikal. (supplied by the individual)
Date of collection	: 06.11.2024
Organoleptic properties	: Clear water
Turbidity (NTU)	: Nil
Conductivity (Micro mhos / cm)	: 179
pH	: 7.68

(Results expressed as Mgs/Lts)

Total solids	: 113
Dissolved solids	: 113
Total Hardness as CaCO ₃	: 36
Alkalinity due to phenolphthalein as CaCO ₃	: Absent
Total Alkalinity as CaCO ₃	: 28
Chloride as Cl	: 28.3
Sulphate as SO ₄	: 5.6
Iron as Fe	: 0.11
Calcium as Ca	: 4.8
Magnesium as Mg	: 5.8
Nitrate as NO ₃	: 1.7
Fluoride as F	: Negligible
Residual Chlorine in ppm	: -
Remarks	: SATISFACTORY

Drinking Water Standards (IS 10500 Revised)	
Desirable	Max. Pers. Limits
Un objectionable	
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

13/11/24
12/11/24

WATER ANALYST

Counter Signed

ASSISTANT ENGINEER
PUBLIC HEALTH SUB DIVISION
PWD, KARAİKAL.

Vacant
BIOCHEMIST

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

PRINCIPAL
KARAİKAL AMMAYAR
HIGHER SECONDARY SCHOOL
Karaikal - 609 602.

MANAGER
KARAİKAL AMMAYAR
HIGHER SECONDARY SCHOOL
KARAİKAL - 609 602.

GOVERNMENT OF PUDUCHERRY
WATER TESTING LABORATORY
PWD, KARAİKAL

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

Dt. 8.11.2024

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I Sampling data

Laboratory Sampling No.	B- 378
Sampling Site	Karaikal Ammayar Higher Secondary School, Elaikkara Street, Karaikal
Place	Karaikal
Source	RO Water
Sender
Date of collection	06.11.2024 Time: 12.00 to 1.00 pm
Date of analysis	06.11.2024 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.

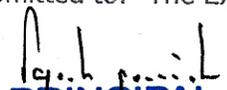

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