

GOVERNMENT OF PUDUCHERRY
WATER TESTING LABORATORY
PWD, KARAİKAL

File. No: 8/WTL/PWD/KKL/2023-24

Dt. 14.08.2023

To

The Principal,
SRVS National Higher Secondary School,
No.7, North Street, Dharmapuram,
Karaikal.

Sir,

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

Ref : Vide Cash Receipt Number:358139 Dt.14.08.2023 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-50
Source and place of water sample	:	RO Water, SRVS National Hr. Sec. School, Dharmapuram, Karaikal (supplied by the individual)
Date of collection	:	11.08.2023
Organoleptic properties	:	Clear Water
Turbidity (NTU)	:	Nil
Conductivity (Micro mhos / cm)	:	198
p ^H	:	7.28

<i>Drinking Water Standards (IS 10500 Revised)</i>	
<i>Desirable</i>	<i>Max. Pers. Limits</i>
<i>Un objectionable</i>	
<i>5.0</i>	<i>10</i>
<i>-</i>	<i>-</i>
<i>6.5 to 8.5</i>	<i>6.5 to 8.5</i>

(Results expressed as Mgs/Lts)

Total solids	:	122
Dissolved solids	:	122
Total Hardness as CaCO ₃	:	40
Alkalinity due to phenolphthalein as CaCO ₃	:	Absent
Total Alkalinity as CaCO ₃	:	24
Chloride as Cl	:	34
Sulphate as SO ₄	:	4.8
Iron as Fe	:	0.11
Calcium as Ca	:	8
Magnesium as Mg	:	4.8
Nitrate as NO ₃	:	1.4
Fluoride as F	:	Negligible
Free Chlorine in ppm	:	Nil
Remarks	:	SATISFACTORY

<i>500</i>	<i>2000</i>
<i>500</i>	<i>2000</i>
<i>300</i>	<i>600</i>
<i>-</i>	<i>-</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>


LAB ASSISTANT

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.

GOVERNMENT OF PUDUCHERRY
WATER TESTING LABORATORY
PWD, KARAİKAL

File. No: 1/WTL/PWD/KKL/2023-24

Dt. 14.08.2023

To

The Principal,
SRVS National Higher Secondary School,
No.7, North Street, Dharmapuram,
Karaikal.

Ref : Vide cash Receipt Number:358139 Dt.14.08.2023 for Rs.640/-(490+150=640).

I Sampling data

Laboratory Sampling No.	B-142
Sampling Site	SRVS National Higher Secondary School, Dharmapuram
Place	Karaikal
Source	RO Water
Sender
Date of collection	11.08.2023 Time: 4.00 to 4.30 pm
Date of analysis	11.08.2023 Time: 5.00 to 6.00 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.


LAB ASSISTANT

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ASSISTANT ENGINEER
PUBLIC HEALTH SUB DIVISION
PWD, KARAİKAL.

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