

**GOVERNMENT OF PUDUCHERRY  
WATER TESTING LABORATORY  
PWD, KARAİKAL**

Lr. No: 1/WTL/PWD/KKL/2022-23

Dt. 30.05.2022

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:321967 Dt.27.05.2022 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-32
Source and place of water sample	:	ROwater,Good Shepherd English School,No.15,Melakasakudy, Karaikal
Date of collection	:	27.05.2022
Organoleptic properties	:	Clear water sample
Turbidity ( NTU )	:	Nil
Conductivity ( Micro mhos / cm )	:	146
p <sup>H</sup>	:	7.86

<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>6.5 to 8.5</i>	<i>6.5 to 8.5</i>

**(Results expressed as Mgs/Lts) :**

Total solids	:	92
Dissolved solids	:	92
Total Hardness as CaCO <sub>3</sub>	:	32
Alkalinity due to phenolphthalein as CaCO <sub>3</sub>	:	Absent
Total Alkalinity as CaCO <sub>3</sub>	:	20
Chloride as Cl	:	19
Sulphate as SO <sub>4</sub>	:	6
Iron as Fe	:	0.13
Calcium as Ca	:	5
Magnesium as Mg	:	4
Nitrate as NO <sub>3</sub>	:	1
Fluoride as F	:	Negligible
Free Chlorine in ppm	:	Nil
Remarks	:	<b>SATISFACTORY</b>

<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>

  
**LAB ASSISTANT**

Yours faithfully,

  
**BIOCHEMIST**

Copy Submitted to:-

The Executive Engineer, I & PH, PWD, Karaikal for favour of kind information please.