

**DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICAL**

**DEPUTY DIRECTOR - HEALTH SERVICES - CHENGALPET DIST**

**RESULTS OF EXAMINATION OF SAMPLES OF WATER**

<b>Collected by</b>	<b>Chennai, Tamilnadu Administrative Officer</b>		
<b>Date of Collection</b>	22/05/24		
<b>Date of receipt</b>	22/05/24		
<b>Source as per Label</b>	<b>ORCHIDS THE INTERNATIONAL SCHOOL, 443 &amp; 444, NOOKAMPALYAM LINK ROAD, PERUMBAKKAM, CHENNAI 600 126</b>		
<b>Source</b>	<b>BoreWell in S.F.No. 403/1A</b>		
<b>Bacteriological Examination</b>			
Plate Count per ml. on agar at 37 <sup>o</sup> .C - 24 hrs	0		
MPN of Coliform Bacteria/100ml	0		
Nature of Coliform bacteria isolated			
<b>Physical Examination</b>			
Colour	Colourless		
Turbidity	1		
Smell	None		
<b>Chemical Examintion(in mg/1)</b>			
Total solids	20		
Carbonate Hardness ( as CaCO <sub>3</sub> )	4		
Non - carbonate Hardness ( as CaCO <sub>3</sub> )	0		
Total Hardness ( as CaCO <sub>3</sub> )	4		
Calcium Hardness ( as CaCO <sub>3</sub> )	2		
Magnesium Hardenss ( as CaCO <sub>3</sub> )	2		
Chloride (as CL)	5		
Ammonia cal Nitrogen (as N)	0		
Albuminoidal Nitrogen (as N)	-		
Oxygen absorbed (Tidys test) in 4 hrs	0.04		
Nitrate nitrogen as N	0		
Acidity/Alkaliity (Phenolphyhalein ( as CaCO <sub>3</sub> ) Methyl Orange	10		
Fluoride (as F)	0		
pH value	6.5		
Total Iron (as Fe)	0		
Manganese (as Mn)	0		
<b>Qualitative Tests</b>			
Nitrite Nitrogen	Trace		
Sulphate	Nil		
Phosphate	Nil		
Toxic Substance	-		
<b>Electrical Conductivity (Reciprocal inegohms per cm a 20<sup>o</sup> C)</b>	25		
<b>Microscopical Examination</b>	<b>Amorphous Matter</b>		

  
**CHIEF WATER ANALYST,**  
**SHOLINGANALLUR-126.**