


DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICAL			
DEPUTY DIRECTOR-HEALTH SERVICES-CHENGALPET DIST			
RESULTS OF EXAMINATION OF SAMPLES OF WATER			
Collected by	Chennai,Tamilnadu administrative officer		
Date of collection	12/03/2024		
Date of receipt	12/03/2024		
	M.342		
Source as per label	Amethyst International School, No 298/2d2, Karanai Main Road, Ottiyambakkam Village, Tambram Taluka Chengalpattu District Tamilnadu.		
Source	Bore Well In S.F.No.205/1A		
Bacteriological Examination			
Plate count per ml. on agar at 37 ^o .C- 24 hrs	0		
MPN Of Coliform Bacteria/100ml	0		
Nature Of Coliform bacteria isolated			
Physical Examination			
Colour	Colourless		
Turbidity	1		
Smell	None		
Chemical Examination(in mg/1)			
Total solids	20		
Carbonate Hardness(as CaCO ₃)	4		
Non- Carbonate Hardness(as CaCO ₃)	0		
Total Hardness(as CaCO ₃)	4		
Calcium Hardness(as CaCO ₃)	2		
Magnesium Hardness(as CaCO ₃)	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/Alkalinity(Phenolphthalein as CaCO ₃) Methyl Orange	0 10		
Fluoride (as F)	0		
pH value	6.5		
Total Iron (as Fe)	0		
Manganese (as Mn)	0		
Qualitative Tests			
Nitrite Nitrogen	Trace		
Sulphate	Nil		
Phosphate	Nil		
Toxic Substance	-		
Electrical conductivity (Reciprocal inegohms per cm at 20 ^o C)	25		
Microscopical Examination	Amorphous Matter		


CHIEF WATER ANALYST,
COIMBATORE-18.