



**TAMILNADU WATER SUPPLY AND DRAINAGE BOARD,
DISTRICT WATER TESTING LABORATORY, TENKASI**

From
M. Arjun B.E,
Assistant Executive Engineer(a/c),
TWAD Board,
District Water Testing Laboratory,
Tenkasi.

To
Oxford Public School,
121 A, Oxford Nagar,
Kuthukalvalasai,
Tenkasi.

Lr. No:038990 / F.Lab/AEE/TWAD/TSI/2026/dt.24.03.2026

Sir / Madam,

Sub: Examination of water sample-Report furnished-reg.

Your Ref : 1. Lr.No: Nil Dt 10.03.2026.

Our Ref : 2. Invoice No:169 For Rs. 3,304

The result of analysis for the water sample sent under reference is furnished below:

Lab. No:	0389	0390
Location of sampling	Kuthukalvalasai	Kuthukalvalasai
Location of Collection	Oxford Public School, 121 A, Oxford Nagar	Oxford Public School, 121 A, Oxford Nagar
Scheme/Source	Bore Water	RO Water
Collected by	Ramesh	Ramesh
Date of collection	10.03.2026	10.03.2026
Date of receipt	10.03.2026	10.03.2026

BIS 10500:2012	Acceptable limit	Permissible limit in the absence of alternate source	Result- 0389	Result- 0390
PHYSICAL EXAMINATION				
Appearance	Clear	Clear	Clear	Clear
Odour	Agreeable	Agreeable	Agreeable	Agreeable
Turbidity NTU	1	5	1	1
Total Dissolved Solids mg/L	500	2000	325	44
Electrical Conductivity mic mho/cm	-	-	465	63
CHEMICAL EXAMINATION				
pH@ 25° c	6.5-8.5	6.5-8.5	7.23	7.84
Alkalinity Ph as CaCO ₃ mg/L	-	-	-	-
Alkalinity Total as CaCO ₃ mg/L	200	600	116	12
Total Hardness as CaCO ₃ mg/L	200	600	128	20
Calcium as Ca mg/L	75	200	32	4
Magnesium as Mg mg/L	30	100	20	2
Iron as Fe mg/L	0.3	1.0	0.12	<0.1
Free Ammonia as NH ₃ mg/L	0.5	0.5	<0.05	<0.05
Nitrite as NO ₂ mg/L	-	-	<0.005	<0.005
Nitrate as NO ₃ mg/L	45	45	32	4
Chloride as Cl mg/L	250	1000	58	9
Fluoride as F mg/L	1.0	1.5	0.4	0.2
Sulphate as SO ₄ mg/L	200	400	45	<5
Phosphate as PO ₄ mg/L	-	-	<0.02	<0.02
Residual Chlorine mg/L	0.2	1.0	0	0
Bacteriological Examination				
Fecal coliform CFU/100ml	0	0	0	0

Report : 0389: The Given water sample is Chemically Potable and Bacteriologically Safe.

0390: The Given water sample is Chemically Potable and Bacteriologically Safe.

G. A. P.
Assistant Executive Engineer(a/c)
TWAD Board, District Water Testing Lab, Tenkasi.