



-: TEST WATER BEFORE TASTE :-

TAMIL NADU WATER SUPPLY & DRAINAGE BOARD DISTRICT LEVEL WATER TESTING LABORATORY

TWAD Board, No 116/1, Bala Arcade, Poonga Nagar, Dindigul Main Road, Thanthonimalai, Karur-639005

TEST REPORT

From Thiru.K.S.Velmurugan B.Sc., Junior Water Analyst TWAD Board, DWT Lab A/C Karur	To Cheran Universal Public School Punnamchathiram Karur Dt-639136
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Lr.No: 37546 /JWA/TWAD Lab/KRR/2023/Dated: 28.12.2023

Sir,

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

1) T.O Invoice No. 5546/dt 23.12.2023 for Rs 1652 /-

2) DD.No : 805427/ dt 23.12.2023 Rs 1652/- IOB, Punnamchathiram

The results of analysis for the water sample sent under reference is furnished below.

Sample No	37546
Date of Collection	23.12.2023
Date of Receipt	23.12.2023
Scheme	PVT
Source	Bore Well Water
Location of Sampling	Inside The Campus
Habitation	Punnamchathiram
Panchayat	Punnam
Union	K.Paramathi
Collected by	Customer

BIS 10500 : 2012	Acceptable limit	Permissible limit in the absence of alternate source	Result for Water sample No:
I PHYSICAL EXAMINATION			37546
1 Appearance	--	--	Clear
2 Colour (Pt.Co - scale)	5	15	Colourless
3 Odour	Agreeable	0	None
4 Turbidity NT units	1	5	1
5 Total dissolved solids, mg/L	500	2000	1324
6 Electrical conductivity micro mho/cm	--	--	1892
II CHEMICAL EXAMINATION			
7 pH	6.5 to 8.5	6.5 to 8.5	7.41
8 Ph-Alkalinity as CaCO ₃ mg/L			0
9 Total Alkalinity CaCO ₃ mg/L	200	600	197
10 Total Hardness as CaCO ₃ mg/L	200	600	541
11 Calcium as Ca mg/L	75	200	104
12 Magnesium as Mg mg/L	30	100	67
13 Iron as Fe mg/L	0.3	1.0	0.20
14 Free Ammonia as NH ₃ mg/L	0.5	0.5	0.01
15 Nitrate as NO ₃ mg/L	45	45	14
16 Chloride as Cl mg/L	250	1000	378
17 Fluoride as F mg/L	1	1.5	0.6
18 Sulphate as SO ₄ mg/L	200	400	113
19 Phosphate as PO ₄ mg/L	--	--	0.01
20 Free residual chlorine mg/L	0.2	1.0	0
III BACTERIOLOGICAL EXAMINATION			
1 Fecal coliform (colonies per 100 ml)	0	0	0

REPORT: 37546 The water is *Physically, Chemically Potable and Bacteriologically Not Contaminated*

with Respect to the Tested Parameters.

For Cheran Universal Public School,

[Signature]
Correspondent.

PRINCIPAL
CHERAN UNIVERSAL PUBLIC SCHOOL,
PUNNAM CHATHIRAM,
KARUR - 639 136.

[Signature]
Junior Water Analyst
TWAD Board, DWT Lab
Karur