



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District Level Water Testing Laboratory

TWAD Board, Opp. Mattuthavani Bus Stand, Ganesh Nagar,
Melur Road, Madurai - 625 007.

TEST REPORT

Ph. : 0452 - 2583633

Certificate of Safe Drinking Water

From

Mr. S. Vijayan, B.Sc., M.A.,
Assistant Water Analyst,
District Water Testing Laboratory,
Madurai.
Sir,

To

ARRAHMAAN INTERNATIONAL SCHOOL,
4/280, Chinna Sooragundu,
Melur(TK),
Madurai -625106.

Lr No.55291 & B55292/AWA/MDT/MDU/2021/Dt.13.11.2021.

Sub: Examination of Water sample- report -furnished - reg.

The result of analysis for the samples sent under reference is enclosed.

Source: Ro Water.

Date of Collection:10.11.2021.

Location:Above Address(Near by Class Room).

Date of Receipt :10.11.2021.

I. PHYSICAL EXAMINATION:	BIS Limit: (10500: 2012)		Lab No
	Acceptable limit	Permissible limit in the absence of alternative source	55291
1. Appearance	-	-	Clear & Colourless
2. Colour (pt.co-scale)	5	15	
3. Odour	Unobjectionable		None
4. Turbidity NT Units	1	5	0
5. Total dissolved Solids mg/l	500	2000	78
6. Electrical Conductivity Micro mho/cm	-	-	142
II. CHEMICAL EXAMINATION:			
7. pH	6.5-8.5	6.5-8.5	6.80
8. Ph. Alkalinity as CaCO ₃	-	-	0
9. Total Alk. as CaCO ₃	200	600	20
10. Total Hardness as CaCO ₃	200	600	32
11. Calcium as Ca	75	200	8
12. Magnesium as Mg	30	100	3
13. Iron as Fe	0.1	1.0	0
14. Manganese	0.1	0.3	0
15. Free Ammonia as NH ₃	0.5	0.5	0
16. Nitrite as NO ₂	0.5	0.5	0
17. Nitrate as NO ₃	45	45	0
18. Chloride as Cl	250	1000	26
19. Fluoride as F	1.0	1.5	0
20. Sulphate as SO ₄	200	400	0
21. Phosphate as PO ₄	0.5	0.5	0
22. Tidy's Test 4 hrs.as O ₂	-	-	0.6
III. BACTERIOLOGICAL EXAMINATION:			B55292
1. Standard plate count per ml	-	500 Organism/ml	0
2. Total coliform per 100 ml	-	0/100 ml	0
3. Faecal coliform per 100 ml	0	0/100 ml	0
4. Faecal Streptococcus per 100 ml	0	0/100 ml	0

Result: The given water sample is chemically potable, and Bacteriologically not Contaminated.

P. R. J. CIPAL

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4/280, Chinna Sooragundu
Melur (Tk.)
Madurai (Dist.)-625 106

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