



# 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

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

To  
**Brilliant Kids Global School,**  
Kombaipatti Road,  
Kanakampatty  
Palani.

Sir,

Lr No.54597 & B54598 /AWA/MDT/MDU/2020/Dt.09.10.2020.

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

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

Source:RO water.

Date of Collection:06.10.2020.

Location:Above Address.

Date of Receipt:06.10.2020

I.PHYSICAL EXAMINATION:	BIS Limit: (10500: 2012)		Lab No
	Acceptable limit	Permissible limit in the absence of alternative source	54597
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	55
6. Electrical Conductivity Micro mho/cm	-	-	100
<b>II.CHEMICAL EXAMINATION:</b>			
7. pH	6.5-8.5	6.5-8.5	6.62
8. Ph. Alkalinity as CaCO <sub>3</sub>	-	-	0
9. Total Alk. as CaCO <sub>3</sub>	200	600	12
10. Total Hardness as CaCO <sub>3</sub>	200	600	20
11. Calcium as Ca	75	200	5
12. Magnesium as Mg	30	100	2
13. Iron as Fe	0.1	1.0	0
14. Manganese	0.1	0.3	0
15. Free Ammonia as NH <sub>3</sub>	0.5	0.5	0
16. Nitrite as NO <sub>2</sub>	0.5	0.5	0
17. Nitrate as NO <sub>3</sub>	45	45	0
18. Chloride as Cl	250	1000	20
19. Fluoride as F	1.0	1.5	0
20. Sulphate as SO <sub>4</sub>	200	400	0
21. Phosphate as PO <sub>4</sub>	0.5	0.5	0
22. Tidys Test 4 hrs.as O <sub>2</sub>	-	-	0
<b>III.BACTERIOLOGICAL EXAMINATION:</b>			
23. Faecal coliform per 100 ml	0	0/100 ml	B54598

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

*S. Vijayan*  
Assistant Water Analyst,  
District Water Testing Laboratory,  
Madurai.

**Note:** All the Chemical Parameters are Expressed in mg/L.