TEST WATER BEFORE TASTE

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District Level Water Testing Laboratory

TWAD Board. No. 6/24, Lalbhagadur Sasthiri St, Periakuppam, Thiruvallur - 602 001

TEST REPORT Ph : 044-27663937

From
Mr.T.P.Sampath Kumar,
The Assistant Executive Engineer ,
TWAD Board,
RWS Sub Division,
Gummidipoondi.

Lr. No. 29808/AEE/TWAD/DWTI/TVR/Dt.01.10.2026

To
The Chairman,
DKN Educational & Charitable Trust,
DKN Public School(CBSE),
Arcotkuppam,Tiruttani Taluk,
Thiruvallur District,
Tamil Nadu - 631 204.

Ref : 1.Your Lr.No.Nil/Dated: 30.09.2026
2.T.O.Invoice No.29650/Dated.30.09.2026 for 1180/-

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

Source: RO
Location : School Campus

Date of Collection : 30.09.2026
Date of Receipt : 30.09.2026

BIS 10500 : 2012 I. PHYSICAL EXAMINATION.	Acceptable limit	Permissible limit in the absence of alternate source	Result 29808
1. Appearance	-	-	Clean & Clear
2. Colour	5	15	
3. Odour	Agreeable	Agreeable	Agreeable
4. Turbidity NT Units	1	5	0.0
5. Total dissolved Solids mg/L	500	2000	55
6. Electrical Conductivity Micro mho/cm	-	-	79
II.CHEMICAL EXAMINATION:			
7. pH	6.5-8.5	6.5-8.5	7.09
8. Ph. Alkalinity as $CaCo_{3\ mg/L}$	-	-	-
9. Total Alkalinity. as $CaCo_{3\ mg/L}$	200	600	16
10. Total Hardness as $CaCo_{3\ mg/L}$	200	600	20
11. Calcium as Ca mg/L	75	200	0
12. Magnesium as Mg mg/L	30	100	0
13. Sodium as Na mg/L	-	-	-
14. Potassium as K mg/L	-	-	-
15. Iron as Fe mg/L	0.3	0.3	0.00
16 Manganese mg/L	0.1	0.3	-
17. Free Ammonia as $NH_{3\ mg/L}$	0.5	0.5	0.0
18. Nitrite as $NO_{2\ mg/L}$	-	-	-
19. Nitrate as $NO_{3\ mg/L}$	45	45	0
20. Chloride as Cl mg/L	250	1000	14
21. Fluoride as F mg/L	1.0	1.5	0.0
22. Sulphate as $SO_{4\ mg/L}$	200	400	7
23. Phosphate as $PO_{4\ mg/L}$	-	-	-
24. Tidys Test 4 hrs.as $O_{2\ mg/L}$	-	-	-
25.Residual chloride	0	1	0.0

Report: 29808: The given water sample is Chemically Potable.

T.P
30.10.2026
Assistant Executive Engineer
TWAD Board, RWS Sub Division,
Gummidipoondi.