



TEST WATER BEFORE TASTE

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District level Water Testing Laboratory

TWAD Board, Near New Veeranam illam, GST Road, Thindivanam - 604 002

TEST REPORT E-mail : jwalabtdm@dataone.in | Ph : 04147 - 227300

From,
K. Ananthi M.Sc,
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam.

To
The Commissioner Office,
Kottikuppam Municipality,
Villupuram

Lr.No. 649 / DWTL/TDM Date:18.05.2024

Sir,

Sub: Examination of water sample Report Furnished-Reg.

The Result of analysis for the water samples received vide ref cited is finished below.

Date of Receipt:	14.05.2024	Sample ID No.	649	Municipality in Villupuram Types of Source: Bore well Location: Kuyilappalayam - I
Date of Testing:	14.05.2024			
District	Villupuram			
IS 10500 : 2012	Acceptable limit	Permissible limit in the absence of alternate source	Result	
I.PHYSICAL EXAMINATION				
1. Appearance	-	-	clear	
2. Odour	Agreeable	Agreeable	None	
3. Turbidity NT Units	1	5	0	
4. Total dissolved Solids mg/L	500	2000	392	
5. Electrical Conductivity Micro mho/cm	-	-	560	
II.CHEMICAL EXAMINATION:				
6. pH	6.5-8.5	6.5-8.5	7.46	
7. Total Alkalinity. as CaCO ₃ mg/L	200	600	324	
8. Total Hardness as CaCO ₃ mg/L	200	600	344	
9. Calcium as Ca mg/L	75	200	76	
10. Magnesium as Mg mg/L	30	100	65	
11. Iron as Fe mg/L	0.3	0.3	0.0	
12. Manganese mg/L	0.1	0.1	0.0	
13. Free Ammonia as NH ₃ mg/L	0.5	0.5	0.0	
14. Nitrite as NO ₂ mg/L	-	-	-	
15. Nitrate as NO ₃ mg/L	45	45	27	
16. Chloride as Cl mg/L	250	1000	172	
17. Fluoride as F mg/L	1.0	1.5	0.0	
18. Sulphate as SO ₄ mg/L	200	400	16	
19. Phosphate as PO ₄ mg/L	-	-	0.0	
20. Tidy's Test 4 hrs.as O ₂ mg/L	-	-	0.0	
III.BACTERIOLOGICALEXAMINATION (M.F. Technique)				
Fecal Coliform (100 ml)	0	0	0	

Report: The tested sample conformed to IS:10500:2012 (RA: 2019) drinking water specification with respect to above tested parameters.

K. Ananthi M.Sc
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam



TEST WATER BEFORE TASTE

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District level Water Testing Laboratory

TWAD Board, Near New Veeranam illam, GST Road, Thindivanam - 604 002

TEST REPORT E-mail : jwalabtdm@dataone.in | Ph : 04147 - 227300

From,
K. Ananthi M Sc,
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam.

To
The Commissioner Office,
Kottikuppam Municipality,
Villupuram

Lr.No. 650 / DWTL/TDM Date:18.05.2024

Sir,

Sub: Examination of water sample Report Furnished Reg.

The Result of analysis for the water samples received vide ref cited is finished below.

Date of Receipt:	14.05.2024	Sample I D No. 650	Municipality in Villupuram Type of Source: Bore well Location: Kuyilappalayam - II
Date of Testing:	14.05.2024		
District	Villupuram		
IS 10500 : 2012	Acceptable limit	Permissible limit in the absence of alternate source	Result
I. PHYSICAL EXAMINATION			
1. Appearance	-	-	clear
2. Odour	Agreeable	Agreeable	None
3. Turbidity NT Units	1	5	0
4. Total dissolved Solids mg/L	500	2000	247
5. Electrical Conductivity Micro mho/cm	-	-	352
II. CHEMICAL EXAMINATION:			
6. pH	6.5-8.5	6.5-8.5	6.95
7. Total Alkalinity as CaCO ₃ mg/L	200	600	320
8. Total Hardness as CaCO ₃ mg/L	200	600	240
9. Calcium as Ca mg/L	75	200	83
10. Magnesium as Mg mg/L	30	100	38
11. Iron as Fe mg/L	0.3	0.3	0.0
12. Manganese mg/L	0.1	0.1	0.0
13. Free Ammonia as NH ₃ mg/L	0.5	0.5	0.0
14. Nitrite as NO ₂ mg/L	-	-	-
15. Nitrate as NO ₃ mg/L	45	45	32
16. Chloride as Cl mg/L	250	1000	180
17. Fluoride as F mg/L	1.0	1.5	0.0
18. Sulphate as SO ₄ mg/L	200	400	11
19. Phosphate as PO ₄ mg/L	-	-	0.0
20. Tidy's Test 4 hrs. as O ₂ mg/L	-	-	0.0
III. BACTERIOLOGICAL EXAMINATION (M.F. Technique)			
Fecal Coliform (100 ml)	0	0	0

Report: The tested sample conformed to IS:10500:2012 (RA: 2019) drinking water specification with respect to above tested parameters.

K. Ananthi M Sc
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam



TEST WATER BEFORE TASTE

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District level Water Testing Laboratory

TWAD Board, Near New Veeranam illam, GST Road, Thindivanam - 604 002

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From,
K. Ananthi M Sc,
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam.

To
The Commissioner Office,
Kottikuppam Municipality,
Villupuram

Lr.No. 651 / DWTL/TDM Date:18.05.2024

Sir,
Sub: Examination of water sample Report Furnished Reg.

The Result of analysis for the water samples received vide ref cited is finished below.

Date of Receipt:	14.05.2024	Sample I D No.	651	Municipality in Villupuram	
Date of Testing:	14.05.2024			Types of Source	Bore well
				Location	Kuyilappalayam -III
District	Villupuram				
IS 10500 : 2012	Acceptable limit	Permissible limit in the absence of alternate source	Result		
I. PHYSICAL EXAMINATION					
1. Appearance	-	-	Clear		
2. Odour	Agreeable	Agreeable	None		
3. Turbidity NT Units	1	5	0		
4. Total dissolved Solids mg/L	500	2000	132		
5. Electrical Conductivity Micro mho/cm	-	-	189		
II. CHEMICAL EXAMINATION:					
6. pH	6.5-8.5	6.5-8.5	6.95		
7. Total Alkalinity, as CaCO ₃ mg/L	200	600	352		
8. Total Hardness as CaCO ₃ mg/L	200	600	392		
9. Calcium as Ca mg/L	75	200	57		
10. Magnesium as Mg mg/L	30	100	81		
11. Iron as Fe mg/L	0.3	0.3	0.0		
12. Manganese mg/L	0.1	0.1	0.0		
13. Free Ammonia as NH ₃ mg/L	0.5	0.5	0.5		
14. Nitrite as NO ₂ mg/L	-	-	-		
15. Nitrate as NO ₃ mg/L	45	45	14		
16. Chloride as Cl mg/L	250	1000	192		
17. Fluoride as F mg/L	1.0	1.5	0.0		
18. Sulphate as SO ₄ mg/L	200	400	10		
19. Phosphate as PO ₄ mg/L	-	-	0.0		
20. Tidy's Test 4 hrs. as O ₂ mg/L	-	-	0.0		
III. BACTERIOLOGICAL EXAMINATION (M.F. Technique)					
Fecal Coliform (100 ml)	0	0	0		

Report: The tested sample conformed to IS:10500:2012 (RA: 2019) drinking water specification with respect to above tested parameters

K. Ananthi M Sc,
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam

TEST WATER BEFORE TASTE

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District level Water Testing Laboratory

TWAD Board, Near New Veeranam illam, GST Road, Thindivanam - 604 002

TEST REPORT E-mail : jwalabtdm@dataone.in | Ph : 04147 - 227300

From,
K. Ananthi M.Sc.
Junior Water Analyst (a/c).
District Water Testing Laboratory,
Tindivanam.

To
The Commissioner Office,
Kottikuppam Municipality,
Villupuram

Lr.No. 652 / DWTL/TDM Date: 18.05.2024

Sir,

Sub: Examination of water sample Report Furnished-Reg.

The Result of analysis for the water samples received vide ref cited is finished below

Date of Receipt:	14.05.2024	Sample I D No.	652	Municipality in Villupuram	
Date of Testing:	14.05.2024			Types of Source	Bore well
				Location:	Meerambigar Garden-I
District	Villupuram				
IS 10500 : 2012	Acceptable limit	Permissible limit in the absence of alternate source			Result
I. PHYSICAL EXAMINATION					
1. Appearance	-	-			clear
2. Odour	Agreeable	Agreeable			None
3. Turbidity NT Units	1	5			0
4. Total dissolved Solids mg/L	500	2000			264
5. Electrical Conductivity Micro mho/cm	-	-			378
II. CHEMICAL EXAMINATION:					
6. pH	6.5-8.5	6.5-8.5			7.08
7. Total Alkalinity as CaCO ₃ mg/L	200	600			384
8. Total Hardness as CaCO ₃ mg/L	200	600			208
9. Calcium as Ca mg/L	75	200			73
10. Magnesium as Mg mg/L	30	100			32
11. Iron as Fe mg/L	0.3	0.3			0.0
12. Manganese mg/L	0.1	0.1			0.0
13. Free Ammonia as NH ₃ mg/L	0.5	0.5			0.0
14. Nitrite as NO ₂ mg/L	-	-			-
15. Nitrate as NO ₃ mg/L	45	45			15
16. Chloride as Cl mg/L	250	1000			196
17. Fluoride as F mg/L	1.0	1.5			0.0
18. Sulphate as SO ₄ mg/L	200	400			11
19. Phosphate as PO ₄ mg/L	-	-			0.0
20. Tidy's Test 4 hrs as O ₂ mg/L	-	-			0.0
III BACTERIOLOGICAL EXAMINATION (M.F. Technique)					
Fecal Coliform (100 ml)	0	0			0

Report: The tested sample conformed to IS 10500 2012 (RA: 2019) drinking water specification with respect to above tested parameters

K. Ananthi
Junior Water Analyst (a/c)
District Water Testing Laboratory
Tindivanam

TEST WATER BEFORE TASTE



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District level Water Testing Laboratory

TWAD Board, Near New Veeranam illam, GST Road, Thindivanam - 604 002

TEST REPORT E-mail : jwalabtdm@dataone.in | Ph : 04147 - 227300

From,
K. Ananthi M.Sc,
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam.

To
The Commissioner Office,
Kottikuppam Municipality,
Villupuram

Lr.No. 653 / DWTL/TDM Date:18.05.2024

Sir,

Sub: Examination of water sample Report Furnished-Reg.

The Result of analysis for the water samples received vide ref cited is finished below.

<u>Date of Receipt:</u>	14.05.2024		Municipality in Villupuram
<u>Date of Testing:</u>	14.05.2024	Sample I D No. 653	Types of Source: Bore well Location: Meerambigai Garden-II
<u>District</u>	Villupuram		
IS 10500 : 2012	Acceptable limit	Permissible limit in the absence of alternate source	Result
I. PHYSICAL EXAMINATION			
1. Appearance	-	-	Clear
2. Odour	Agreeable	Agreeable	None
3. Turbidity NT Units	1	5	0
4. Total dissolved Solids mg/L	500	2000	268
5. Electrical Conductivity Micro mho/cm	-	-	383
II. CHEMICAL EXAMINATION:			
6. pH	6.5-8.5	6.5-8.5	6.90
7. Total Alkalinity as CaCO ₃ mg/L	200	600	264
8. Total Hardness as CaCO ₃ mg/L	200	600	376
9. Calcium as Ca mg/L	75	200	60
10. Magnesium as Mg mg/L	30	100	76
11. Iron as Fe mg/L	0.3	0.3	0.0
12. Manganese mg/L	0.1	0.1	0.0
13. Free Ammonia as NH ₃ mg/L	0.5	0.5	0.0
14. Nitrite as NO ₂ mg/L	-	-	-
15. Nitrate as NO ₃ mg/L	45	45	15
16. Chloride as Cl mg/L	250	1000	184
17. Fluoride as F mg/L	1.0	1.5	0.0
18. Sulphate as SO ₄ mg/L	200	400	12
19. Phosphate as PO ₄ mg/L	-	-	0.0
20. Tidy's Test 4 hrs. as O ₂ mg/L	-	-	0.0
III. BACTERIOLOGICAL EXAMINATION (M.F. Technique)			
Fecal Coliform (100 ml)	0	0	0

Report: The tested sample conformed to IS:10500:2012 (RA: 2019) drinking water specification with respect to above tested parameters

Junior Water Analyst (a/c),
 District Water Testing Laboratory,
 Tindivanam

TEST WATER BEFORE TASTE



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District level Water Testing Laboratory

TWAD Board, Near New Veeranam illam, GST Road, Thindivanam - 604 002

TEST REPORT E-mail : jwalabtdm@dataone.in | Ph : 04147 - 227300

From,
K. Ananthi M.Sc,
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam.

To
The Commissioner Office,
Kottikuppam Municipality,
Villupuram

Lr.No. 654 / DWTL/TDM Date:18.05.2024

Sir,

Sub: Examination of water sample Report Furnished-Reg.

The Result of analysis for the water samples received vide ref cited is furnished below.

Date of Receipt:	14.05.2024	Sample ID No. 654	Municipality in Villupuram Types of Source: Bore well Location: MGR Nagar
Date of Testing:	14.05.2024		
District	Villupuram		
IS 10500 : 2012	Acceptable limit	Permissible limit in the absence of alternate source	Result
I.PHYSICAL EXAMINATION			
1. Appearance	-	-	clear
2. Odour	Agreeable	Agreeable	None
3. Turbidity NT Units	1	5	0
4. Total dissolved Solids mg/L	500	2000	312
5. Electrical Conductivity Micro mho/cm	-	-	446
II.CHEMICAL EXAMINATION:			
6. pH	6.5-8.5	6.5-8.5	6.86
7. Total Alkalinity. as CaCO ₃ mg/L	200	600	232
8. Total Hardness as CaCO ₃ mg/L	200	600	368
9. Calcium as Ca mg/L	75	200	76
10. Magnesium as Mg mg/L	30	100	70
11. Iron as Fe mg/L	0.3	0.3	0.0
12. Manganese mg/L	0.1	0.1	0.0
13. Free Ammonia as NH ₃ mg/L	0.5	0.5	0.0
14. Nitrite as NO ₂ mg/L	-	-	-
15. Nitrate as NO ₃ mg/L	45	45	13
16. Chloride as Cl mg/L	250	1000	208
17. Fluoride as F mg/L	1.0	1.5	0.0
18. Sulphate as SO ₄ mg/L	200	400	19
19. Phosphate as PO ₄ mg/L	-	-	0.0
20. Tidy's Test 4 hrs.as O ₂ mg/L	-	-	0.0
III.BACTERIOLOGICALEXAMINATION (M.F. Technique)			
Fecal Coliform (100 ml)	0	0	0

Report: The tested sample conformed to IS:10500:2012 (RA: 2019) drinking water specification with respect to above tested parameters.

K. Ananthi M.Sc.
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam

TEST WATER BEFORE TASTE



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District level Water Testing Laboratory

TWAD Board, Near New Veeranam illam, GST Road, Thindivanam - 604 002

TEST REPORT E-mail : jwalabtdm@dataone.in | Ph : 04147 - 227300

From,
K. Ananthi M Sc,
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Thindivanam.

To
The Commissioner Office,
Kottikuppam Municipality,
Villupuram

Lr.No. 655 / DWTL/TDM Date:18.05.2024

Sir,

Sub: Examination of water sample Report Furnished Reg.

The Result of analysis for the water samples received vide ref cited is furnished below.

Date of Receipt:	14.05.2024	Sample ID No.	655	Municipality in Villupuram	Types of Source: Bore well Location: Urakidangu
Date of Testing:	14.05.2024				
District	Villupuram				
IS 10500 : 2012	Acceptable limit	Permissible limit in the absence of alternate source		Result	
I. PHYSICAL EXAMINATION					
1. Appearance	-	-		clear	
2. Odour	Agreeable	Agreeable		None	
3. Turbidity NT Units	1	5		0	
4. Total dissolved Solids mg/L	500	2000		384	
5. Electrical Conductivity Micro mho/cm	-	-		550	
II. CHEMICAL EXAMINATION:					
6. pH	6.5-8.5	6.5-8.5		6.90	
7. Total Alkalinity, as CaCO ₃ mg/L	200	600		320	
8. Total Hardness as CaCO ₃ mg/L	200	600		352	
9. Calcium as Ca mg/L	75	200		99	
10. Magnesium as Mg mg/L	30	100		61	
11. Iron as Fe mg/L	0.3	0.3		0.0	
12. Manganese mg/L	0.1	0.1		0.0	
13. Free Ammonia as NH ₃ mg/L	0.5	0.5		-	
14. Nitrite as NO ₂ mg/L	-	-		-	
15. Nitrate as NO ₃ mg/L	45	45		14	
16. Chloride as Cl mg/L	250	1000		204	
17. Fluoride as F mg/L	1.0	1.5		0.0	
18. Sulphate as SO ₄ mg/L	200	400		10	
19. Phosphate as PO ₄ mg/L	-	-		0.0	
20. Tidy's Test 4 hrs. as O ₂ mg/L	-	-		0.0	
III. BACTERIOLOGICAL EXAMINATION (M.F. Technique)					
Fecal Coliform (100 ml)	0	0		0	

Report: The tested sample conformed to IS:10500:2012 (RA: 2019) drinking water specification with respect to above tested parameters.

K. Ananthi
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Thindivanam

TEST WATER BEFORE TASTE



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District level Water Testing Laboratory

TWAD Board, Near New Veeranam illam, GST Road, Thindivanam - 604 002

TEST REPORT E-mail: jwalabtdm@dataone.in | Ph: 04147 - 227300

From,
K. Ananthi M Sc,
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam.

To
The Commissioner Office,
Kottikuppam Municipality,
Villupuram

Lr.No. 656 / DWTL/TDM Date: 18.05.2024

Sir,

Sub: Examination of water sample Report Furnished Reg

The Result of analysis for the water samples received vide ref cited is furnished below.

Date of Receipt:	14.05.2024	Sample ID No.	656	Municipality in Villupuram	
Date of Testing:	14.05.2024			Type of Source	Bore well
District	Villupuram			Location	Kottaimedu Oodai I
IS 10500 : 2012	Acceptable limit	Permissible limit in the absence of alternate source	Result		
I. PHYSICAL EXAMINATION					
1. Appearance	-	-	clear		
2. Odour	Agreeable	Agreeable	None		
3. Turbidity NT Units	1	5	0		
4. Total dissolved Solids mg/L	500	2000	319		
5. Electrical Conductivity Micro mho/cm	-	-	456		
II. CHEMICAL EXAMINATION:					
6. pH	6.5-8.5	6.5-8.5	6.84		
7. Total Alkalinity, as CaCO ₃ mg/L	200	600	256		
8. Total Hardness as CaCO ₃ mg/L	200	600	312		
9. Calcium as Ca mg/L	75	200	73		
10. Magnesium as Mg mg/L	30	100	58		
11. Iron as Fe mg/L	0.3	0.3	0.0		
12. Manganese mg/L	0.1	0.1	0.0		
13. Free Ammonia as NH ₃ mg/L	0.5	0.5	0.0		
14. Nitrite as NO ₂ mg/L	-	-	-		
15. Nitrate as NO ₃ mg/L	45	45	15		
16. Chloride as Cl mg/L	250	1000	75		
17. Fluoride as F mg/L	1.0	1.5	0.0		
18. Sulphate as SO ₄ mg/L	200	400	12		
19. Phosphate as PO ₄ mg/L	-	-	0.0		
20. Tidy's Test 4 hrs. as O ₂ mg/l	-	-	0.0		
III. BACTERIOLOGICAL EXAMINATION (M.F. Technique)					
Fecal Coliform (100 ml)	0	0	0		

Report: The tested sample conformed to IS:10500:2012 (RA: 2019) drinking water specification with respect to above tested parameters.

K. Ananthi M Sc.
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam



TEST WATER BEFORE TASTE

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District level Water Testing Laboratory

TWAD Board, Near New Veeranam illam, GST Road, Thindivanam - 604 002

TEST REPORT E-mail : jwalabtdm@dataone.in | Ph : 04147 - 227300

From,
K. Ananthi M Sc,
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam.

To
The Commissioner Office,
Kottikuppam Municipality,
Villupuram

Lr.No. 657 / DWTL/TDM Date:18.05.2024

Sir,

Sub: Examination of water sample Report Furnished Reg.

The Result of analysis for the water samples received vide ref cited is finished below

Table with 4 columns: Parameter, Acceptable limit, Permissible limit in the absence of alternate source, Result. Rows include Date of Receipt, Date of Testing, District, and various physical and chemical examination parameters like pH, Total Alkalinity, Total Hardness, etc.

Report: The tested sample conformed to IS:10500:2012 (RA: 2019) drinking water specification with respect to above tested parameters

Handwritten signature and name of K. Ananthi M Sc, Junior Water Analyst (a/c), District Water Testing Laboratory, Tindivanam

TEST WATER BEFORE TASTE



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District level Water Testing Laboratory

TWAD Board, Near New Veeranam illam, GST Road, Thindivanam - 604 002

TEST REPORT E-mail : jwalabtdm@dataone.in | Ph : 04147 - 227300

From,
K. Ananthi M.Sc.,
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam.

To
The Commissioner Office,
Kottikuppam Municipality,
Villupuram

Lr.No. 658 / DWTL/TDM Date:18.05.2024

Sir,

Sub: Examination of water sample Report Furnished-Reg

The Result of analysis for the water samples received vide ref cited is finished below

Date of Receipt:	14.05.2024	Sample I D No.	658	Municipality in Villupuram Types of Source: Bore well Location: Kottaimedu Sudukadu (Jamiyath Nagar)
Date of Testing:	14.05.2024			
District	Villupuram			
IS 10500 : 2012	Acceptable limit	Permissible limit in the absence of alternate source	Result	
I. PHYSICAL EXAMINATION				
1. Appearance	-	-	clear	
2. Odour	Agreeable	Agreeable	None	
3. Turbidity NT Units	1	5	0	
4. Total dissolved Solids mg/L	500	2000	729	
5. Electrical Conductivity Micro mho/cm	-	-	1042	
II. CHEMICAL EXAMINATION:				
6. pH	6.5-8.5	6.5-8.5	6.52	
7. Total Alkalinity, as CaCO ₃ mg/L	200	600	216	
8. Total Hardness as CaCO ₃ mg/L	200	600	256	
9. Calcium as Ca mg/L	75	200	57	
10. Magnesium as Mg mg/L	30	100	48	
11. Iron as Fe mg/L	0.3	0.3	0.0	
12. Manganese mg/L	0.1	0.1	0.0	
13. Free Ammonia as NH ₃ mg/L	0.5	0.5	0.0	
14. Nitrite as NO ₂ mg/L	-	-	-	
15. Nitrate as NO ₃ mg/L	45	45	01	
16. Chloride as Cl mg/L	250	1000	164	
17. Fluoride as F mg/L	1.0	1.5	0.0	
18. Sulphate as SO ₄ mg/L	200	400	17	
19. Phosphate as PO ₄ mg/L	-	-	0.0	
20. Tidy's Test 4 hrs as O ₂ mg/L	-	-	0.0	
III. BACTERIOLOGICAL EXAMINATION (M.F. Technique)				
Fecal Coliform (100 ml)	0	0	0	

Report: The tested sample conformed to IS 10500:2012 (RA: 2019) drinking water specification with respect to above tested parameters.

K. Ananthi 18/5/24
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam

TEST WATER BEFORE TASTE



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District level Water Testing Laboratory

TWAD Board, Near New Veeranam illam, GST Road, Thindivanam - 604 002

TEST REPORT E-mail : jwalabtdm@dataone.in | Ph : 04147 - 227300

From,
K. Ananthi M.Sc,
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam.

To
The Commissioner Office,
Kottikuppam Municipality,
Villupuram

Lr.No. 659 / DWTL/TDM Date:18.05.2024

Sir,

Sub: Examination of water sample Report Furnished-Reg.

The Result of analysis for the water samples received vide ref cited is finished below.

Date of Receipt:	14.05.2024	Sample I D No.	659	Municipality in Villupuram	Types of Source Bore well Location: Chinna Kottakuppam Irular Colony -I
Date of Testing:	14.05.2024				
District	Villupuram				
IS 10500 : 2012	Acceptable limit	Permissible limit in the absence of alternate source	Result		
I.PHYSICAL EXAMINATION					
1. Appearance	-	-	clear		
2. Odour	Agreeable	Agreeable	None		
3. Turbidity NT Units	1	5	0		
4. Total dissolved Solids mg/L	500	2000	190		
5. Electrical Conductivity Micro mho/cm	-	-	272		
II.CHEMICAL EXAMINATION:					
6. pH	6.5-8.5	6.5-8.5	6.68		
7. Total Alkalinity, as CaCO ₃ mg/L	200	600	304		
8. Total Hardness as CaCO ₃ mg/L	200	600	224		
9. Calcium as Ca mg/L	75	200	83		
10. Magnesium as Mg mg/L	30	100	34		
11. Iron as Fe mg/L	0.3	0.3	0.0		
12. Manganese mg/L	0.1	0.1	0.0		
13. Free Ammonia as NH ₃ mg/L	0.5	0.5	0.0		
14. Nitrite as NO ₂ mg/L	-	-	-		
15. Nitrate as NO ₃ mg/L	45	45	10		
16. Chloride as Cl mg/L	250	1000	75		
17. Fluoride as F mg/L	1.0	1.5	0.0		
18. Sulphate as SO ₄ mg/L	200	400	10		
19. Phosphate as PO ₄ mg/L	-	-	0.0		
20. Tidy's Test 4 hrs.as O ₂ mg/L	-	-	0.0		
III.BACTERIOLOGICALEXAMINATION (M.F. Technique)					
Fecal Coliform (100 ml)	0	0	0		

Report The tested sample conformed to IS 10500:2012 (RA: 2019) drinking water specification with respect to above tested parameters

K. Ananthi M.Sc
Junior Water Analyst (a/c)
District Water Testing Laboratory,
Tindivanam



TEST WATER BEFORE TASTE

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District level Water Testing Laboratory

TWAD Board, Near New Veeranam illam, GST Road, Thindivanam - 604 002

TEST REPORT E-mail : jwalabtdm@dataone.in | Ph : 04147 - 227300

From,
K. Ananthi M.Sc.
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam.

To
The Commissioner Office,
Kottikuppam Municipality,
Villupuram

Lr.No. 660 / DWTL/TDM Date:18.05.2024

Sir,
Sub: Examination of water sample Report Furnished-Reg.

The Result of analysis for the water samples received vide ref cited is finished below.

Table with 4 columns: Parameter, Acceptable limit, Permissible limit in the absence of alternate source, Result. Rows include Date of Receipt, Date of Testing, District, IS 10500:2012, I. PHYSICAL EXAMINATION (Appearance, Odour, Turbidity, etc.), II. CHEMICAL EXAMINATION (pH, Alkalinity, Hardness, etc.), and III. BACTERIOLOGICAL EXAMINATION (Fecal Coliform).

Report: The tested sample conformed to IS:10500:2012 (RA: 2019) drinking water specification with respect to above tested parameters.

Handwritten signature of K. Ananthi M.Sc., Junior Water Analyst (a/c), District Water Testing Laboratory, Tindivanam.



TEST WATER BEFORE TASTE

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District level Water Testing Laboratory

TWAD Board, Near New Veeranam illam, GST Road, Thindivanam - 604 002

TEST REPORT E-mail : jwalabtdm@dataone.in | Ph : 04147 - 227300

From,
K. Ananthi M Sc,
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam.

To
The Commissioner Office,
Kottikuppam Municipality,
Villupuram

Lr.No. 661 / DWTL/TDM Date: 18.05.2024

Sir,

Sub: Examination of water sample Report Furnished-Reg.

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The Result of analysis for the water samples received vide ref cited is furnished below

Date of Receipt:	14.05.2024	Sample I D No.	661	Municipality in Villupuram	Types of Source Bore well Location: Chinna Kottakuppam Irular Colony -III
Date of Testing:	14.05.2024				
District	Villupuram				
IS 10500 : 2012	Acceptable limit	Permissible limit in the absence of alternate source		Result	
I. PHYSICAL EXAMINATION					
1. Appearance	-	-		Clear	
2. Odour	Agreeable	Agreeable		None	
3. Turbidity NT Units	1	5		0	
4. Total dissolved Solids mg/L	500	2000		184	
5. Electrical Conductivity Micro mho/cm	-	-		264	
II. CHEMICAL EXAMINATION:					
6. pH	6.5-8.5	6.5-8.5		6.80	
7. Total Alkalinity. as CaCO ₃ mg/L	200	600		256	
8. Total Hardness as CaCO ₃ mg/L	200	600		232	
9. Calcium as Ca mg/L	75	200		76	
10. Magnesium as Mg mg/L	30	100		37	
11. Iron as Fe mg/L	0.3	0.3		0.0	
12. Manganese mg/L	0.1	0.1		0.0	
13. Free Ammonia as NH ₃ mg/L	0.5	0.5		0.0	
14. Nitrite as NO ₂ mg/L	-	-		-	
15. Nitrate as NO ₃ mg/L	45	45		10	
16. Chloride as Cl mg/L	250	1000		104	
17. Fluoride as F mg/L	1.0	1.5		0.0	
18. Sulphate as SO ₄ mg/L	200	400		10	
19. Phosphate as PO ₄ mg/L	-	-		0.0	
20. Tidy's Test 4 hrs. as O ₂ mg/L	-	-		0.0	
III. BACTERIOLOGICAL EXAMINATION (M.F. Technique)					
Fecal Coliform (100 ml)	0	0		0	

Report: The tested sample conformed to IS:10500:2012 (RA: 2019) drinking water specification with respect to above tested parameters

K. Ananthi M Sc
Junior Water Analyst (a/c)
District Water Testing Laboratory,
Tindivanam



TEST WATER BEFORE TASTE

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District level Water Testing Laboratory

TWAD Board, Near New Veeranam illam, GST Road, Thindivanam - 604 002

TEST REPORT E-mail : jwalabtdm@dataone.in | Ph : 04147 - 227300

From,
K. Ananthi M.Sc.
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam.

To
The Commissioner Office,
Kottikuppam Municipality,
Villupuram

Lr.No. 662 / DWTL/TDM Date: 18.05.2024

Sir,

Sub: Examination of water sample Report Furnished-Reg.

The Result of analysis for the water samples received vide ref cited is finished below.

Date of Receipt:	14.05.2024	Sample I D No.	662	Municipality in Villupuram	Types of Source: Bore well Location: Chinna Kottakuppam Malaimedu
Date of Testing:	14.05.2024				
District	Villupuram				
IS 10500 : 2012	Acceptable limit	Permissible limit in the absence of alternate source		Result	
I. PHYSICAL EXAMINATION					
1. Appearance	-	-		clear	
2. Odour	Agreeable	Agreeable		None	
3. Turbidity NT Units	1	5		0	
4. Total dissolved Solids mg/L	500	2000		151	
5. Electrical Conductivity Micro mho/cm	-	-		216	
II. CHEMICAL EXAMINATION:					
6. pH	6.5-8.5	6.5-8.5		6.29	
7. Total Alkalinity. as CaCO ₃ mg/L	200	600		208	
8. Total Hardness as CaCO ₃ mg/L	200	600		216	
9. Calcium as Ca mg/L	75	200		89	
10. Magnesium as Mg mg/L	30	100		30	
11. Iron as Fe mg/L	0.3	0.3		0.0	
12. Manganese mg/L	0.1	0.1		0.0	
13. Free Ammonia as NH ₃ mg/L	0.5	0.5		0.0	
14. Nitrite as NO ₂ mg/L	-	-		-	
15. Nitrate as NO ₃ mg/L	45	45		23	
16. Chloride as Cl mg/L	250	1000		168	
17. Fluoride as F mg/L	1.0	1.5		0.0	
18. Sulphate as SO ₄ mg/L	200	400		17	
19. Phosphate as PO ₄ mg/L	-	-		0.0	
20. Tidy's Test 4 hrs. as O ₂ mg/L	-	-		0.0	
III. BACTERIOLOGICAL EXAMINATION					
(M.F. Technique)					
Fecal Coliform (100 ml)	0	0		0	

Report: The tested sample conformed to IS:10500:2012 (RA: 2019) drinking water specification with respect to above tested parameters.

K. Ananthi M.Sc.
Junior Water Analyst (a/c)
District Water Testing Laboratory,
Tindivanam

TEST WATER BEFORE TASTE



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District level Water Testing Laboratory

TWAD Board, Near New Veeranam illam, GST Road, Thindivanam - 604 002

TEST REPORT E-mail : jwalabtdm@dataone.in | Ph : 04147 - 227300

From,
K. Ananthi M.Sc,
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam.

To
The Commissioner Office,
Kottikuppam Municipality,
Villupuram

Lr.No. 663 / DWTL/TDM Date:18.05.2024

Sir,

Sub: Examination of water sample Report Furnished-Reg.

The Result of analysis for the water samples received vide ref cited is finished below.

Date of Receipt:	14.05.2024	Sample I D No.	663	Municipality in Villupuram Types of Source: Bore well Location: Chinna Kottakuppam Samayapuram
Date of Testing:	14.05.2024			
District	Villupuram			
IS 10500 : 2012	Acceptable limit	Permissible limit in the absence of alternate source	Result	
I. PHYSICAL EXAMINATION				
1. Appearance	-	-	Clear	
2. Odour	Agreeable	Agreeable	None	
3. Turbidity NT Units	1	5	0	
4. Total dissolved Solids mg/L	500	2000	81	
5. Electrical Conductivity Micro mho/cm	-	-	117	
II. CHEMICAL EXAMINATION:				
6. pH	6.5-8.5	6.5-8.5	6.65	
7. Total Alkalinity. as CaCO ₃ mg/L	200	600	256	
8. Total Hardness as CaCO ₃ mg/L	200	600	240	
9. Calcium as Ca mg/L	75	200	76	
10. Magnesium as Mg mg/L	30	100	39	
11. Iron as Fe mg/L	0.3	0.3	0.0	
12. Manganese mg/L	0.1	0.1	0.0	
13. Free Ammonia as NH ₃ mg/L	0.5	0.5	0.0	
14. Nitrite as NO ₂ mg/L	-	-	-	
15. Nitrate as NO ₃ mg/L	45	45	07	
16. Chloride as Cl mg/L	250	1000	67	
17. Fluoride as F mg/L	1.0	1.5	0.0	
18. Sulphate as SO ₄ mg/L	200	400	11	
19. Phosphate as PO ₄ mg/L	-	-	0.0	
20. Tidy's Test 4 hrs. as O ₂ mg/L	-	-	0.0	
III. BACTERIOLOGICAL EXAMINATION (M.F. Technique)				
Fecal Coliform (100 ml)	0	0	0	

Report: The tested sample conformed to IS:10500:2012 (RA: 2019) drinking water specification with respect to above tested parameters.

K. Ananthi M.Sc.
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam



TEST WATER BEFORE TASTE

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District level Water Testing Laboratory

TWAD Board, Near New Veeranam illam, GST Road, Thindivanam - 604 002

TEST REPORT E-mail : jwalabtdm@dataone.in | Ph : 04147 - 227300

From,
K. Ananthi M.Sc.
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam.

To
The Commissioner Office,
Kottikuppam Municipality,
Villupuram

Lr.No. 664 / DWTL/TDM Date: 18.05.2024

Sir,

Sub: Examination of water sample Report Furnished-Reg.

The Result of analysis for the water samples received vide ref cited is furnished below.

Date of Receipt:	14.05.2024	Sample I D No.	664	Municipality in Villupuram	Types of Source Bore well Location: Chinna Kottakuppam Thoppu Theru - I
Date of Testing:	14.05.2024				
District	Villupuram				
IS 10500 : 2012	Acceptable limit	Permissible limit in the absence of alternate source		Result	
I. PHYSICAL EXAMINATION					
1. Appearance	-	-		clear	
2. Odour	Agreeable	Agreeable		None	
3. Turbidity NT Units	1	5		0	
4. Total dissolved Solids mg/L	500	2000		686	
5. Electrical Conductivity Micro mho/cm	-	-		980	
II. CHEMICAL EXAMINATION:					
6. pH	6.5-8.5	6.5-8.5		6.93	
7. Total Alkalinity. as CaCO ₃ mg/L	200	600		280	
8. Total Hardness as CaCO ₃ mg/L	200	600		344	
9. Calcium as Ca mg/L	75	200		105	
10. Magnesium as Mg mg/L	30	100		58	
11. Iron as Fe mg/L	0.3	0.3		0.0	
12. Manganese mg/L	0.1	0.1		0.0	
13. Free Ammonia as NH ₃ mg/L	0.5	0.5		0.0	
14. Nitrite as NO ₂ mg/L	-	-		-	
15. Nitrate as NO ₃ mg/L	45	45		18	
16. Chloride as Cl mg/L	250	1000		168	
17. Fluoride as F mg/L	1.0	1.5		0.0	
18. Sulphate as SO ₄ mg/L	200	400		26	
19. Phosphate as PO ₄ mg/L	-	-		0.0	
20. Tidy's Test 4 hrs. as O ₂ mg/L	-	-		0.0	
III. BACTERIOLOGICAL EXAMINATION (M.F. Technique)					
Fecal Coliform (100 ml)	0	0		0	

Report: The tested sample conformed to IS:10500:2012 (RA: 2019) drinking water specification with respect to above tested parameters.

K. Ananthi M.Sc.
Junior Water Analyst (a/c)

District Water Testing Laboratory,
Tindivanam

TEST WATER BEFORE TASTE



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District level Water Testing Laboratory

TWAD Board, Near New Veeranam illam, GST Road, Thindivanam - 604 002

TEST REPORT E-mail: jwalabtdm@dataone.in | Ph: 04147 - 227300

From,
K. Ananthi M.Sc,
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam.

To
The Commissioner Office,
Kottikuppam Municipality,
Villupuram

Lr.No. 666 / DWTL/TDM Date:18.05.2024

Sir,

Sub: Examination of water sample Report Furnished-Reg

The Result of analysis for the water samples received vide ref cited is finished below.

Date of Receipt:	14.05.2024	Sample I D No.	666	Municipality in Villupuram	
Date of Testing:	14.05.2024	Types of Source:	Bore well	Location:	Chinna Kottakuppam Thoppu Theru - II
District	Villupuram	Permissible limit in the absence of alternate source		Result	
IS 10500 : 2012	Acceptable limit	Permissible limit in the absence of alternate source	Result		
I. PHYSICAL EXAMINATION					
1. Appearance	-	-	clear		
2. Odour	Agreeable	Agreeable	None		
3. Turbidity NT Units	1	5	0		
4. Total dissolved Solids mg/L	500	2000	677		
5. Electrical Conductivity Micro mho/cm	-	-	968		
II. CHEMICAL EXAMINATION:					
6. pH	6.5-8.5	6.5-8.5	7.00		
7. Total Alkalinity, as CaCO ₃ mg/L	200	600	280		
8. Total Hardness as CaCO ₃ mg/L	200	600	296		
9. Calcium as Ca mg/L	75	200	99		
10. Magnesium as Mg mg/L	30	100	47		
11. Iron as Fe mg/L	0.3	0.3	0.0		
12. Manganese mg/L	0.1	0.1	0.0		
13. Free Ammonia as NH ₃ mg/L	0.5	0.5	0.0		
14. Nitrite as NO ₂ mg/L	-	-	-		
15. Nitrate as NO ₃ mg/L	45	45	23		
16. Chloride as Cl mg/L	250	1000	172		
17. Fluoride as F mg/L	1.0	1.5	0.0		
18. Sulphate as SO ₄ mg/L	200	400	22		
19. Phosphate as PO ₄ mg/L	-	-	0.0		
20. Tidy's Test 4 hrs. as O ₂ mg/L	-	-	0.0		
III BACTERIOLOGICAL EXAMINATION (M.F. Technique)					
Fecal Coliform (100 ml)	0	0	0		

Report: The tested sample conformed to IS 10500 2012 (RA: 2019) drinking water specification with respect to above tested parameters

K. Ananthi
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam