



CHENNAI METROPOLITAN WATER SUPPLY  
AND SEWERAGE BOARD  
WATER AND WASTE WATER TESTING LABORATORY  
QUALITY ASSURANCE WING, No.1, NEW AVADI ROAD,  
KILPAUK, CHENNAI - 600010.



ULR No: TC/166250001314F TEST REPORT - DRINKING WATER Doc.No: CMWSSB/FRM/7.8/01

Report No: TR/2025/1314-01 Report Issue Date: 28/11/2025 Page No: 1 of 3

Challan No: 346 Challan Date: 25/11/2025 Amount (Rs): 2596/-

Client Name & Address & Contact No / Email.ID : Bethel Global School  
Plot No:75-86, Bethel Avenue, Thiru Nagar  
Thirumullaivoyal  
Chennai-62

Sample Name: Water Sample Description: Drinking water

Sample Number: 1314 Sample Container: Jerry Can

Sample Submitted by: Customer Location & Date: RO Water -25/11/2025

Sample Quantity: 2 Litres Sample Condition: Good

Sample Received On: 25/11/2025 Environmental Condition: 23.0°C - 27.0°C

Test Commenced on: 25/11/2025 Test Completed on: 26/11/2025

S. No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012	
					Acceptable Limit	Permissible Limit
1	Colour	CU	IS 3025: Part 4: 2021	2	5	15
2	Odour	-	IS 3025: Part 5: 2018	Agreeable	Agreeable	Agreeable
3	Turbidity	NTU	IS 3025: Part 10: 2023	0.8	1	5
4	pH @ 25°C	--	IS 3025: Part 11: 2022	6.94	6.5 To 8.5	6.5 To 8.5
5	Electrical Conductivity @25°C	µS/cm	IS 3025: Part 14: 2013(RA 2023)	30	-	-
6	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	16	500	2000
7	Total Hardness as CaCO3	mg/L	IS 3025: Part 21: 2009(RA 2023)	BLQ(LOQ:5)	200	600
8	Calcium as Ca	mg/L	IS 3025: Part 40: 2024	BLQ(LOQ:5)	75	200
9	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	BLQ(LOQ:5)	30	100
10	Chloride as Cl	mg/L	IS 3025: Part 32: 1988(RA 2019)	9	250	1000

M. Sude 28/11/25

Reviewed by  
Water Analyst

K Rama Moorthy 28/11/25

Authorised Signatory  
K Rama Moorthy - Executive Engineer

Note:

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ULR No: TC14166250001314F			TEST REPORT - DRINKING WATER		Doc.No: CMWSSB/FRM/7.3/01	
Report No:	TR/2025/1314-01	Report Issue Date:	28/11/2025	Page No	2 of 3	
Challan No:	346	Challan Date:	25/11/2025	Amount (Rs)	2596/-	

S. No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012	
					Acceptable Limit	Permissible Limit
11	Total alkalinity as CaCO <sub>3</sub>	mg/L	IS 3025: Part 23: 2023	8	200	600
12	Chlorine, Residual	mg/L	IS 3025: Part 26: 2021	BLQ(LOQ:0.2)	0.2	1.0
13	Ammonia as N	mg/L	IS 3025: Part 34: 1988(RA 2019)	BLQ(LOQ:0.1)	0.5	No Relaxation
14	Nitrite as NO <sub>2</sub>	mg/L	IS 3025: Part 34: 2019(RA 2019)	BLQ(LOQ:0.01)	-	-
15	Fluoride as F	mg/L	IS 3025: Part 60: 2008(RA 2019)	BLQ(LOQ:0.2)	1.0	1.5
16	Sulphate as SO <sub>4</sub>	mg/L	IS 3025: Part 24: Sec 1: 2022	1	200	400
17	Iron as Fe	mg/L	IS 3025: Part 53: 2024	0.10	0.3	No Relaxation

M. Sudek 28/11/25  
Reviewed by  
Water Analyst

Authorised Signatory  
K Rama Moorthy - Executive Engineer

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QUALITY ASSURANCE WING, No.1, NEW AVADI ROAD,  
KILPAUK, CHENNAI - 600010.

TEST REPORT - DRINKING WATER

Doc.No: CMWSSB/FRM/7.8/01

Report No:	TR/2025/1314-01	Report Issue Date:	28/11/2025	Page No	1 of 3
Challan No:	346	Challan Date:	25/11/2025	Amount (Rs)	2596/-
Client Name & Address & Contact No / Email.ID	Bethel Global School Plot No:75-86, Bethel Avenue,Thiru Nagar Thirumullaivoyal Chennai-62				
Sample Name	Water	Sample Description	: Drinking water		
Sample Number	: 1314	Sample Container	: Jerry Can		
Sample Submitted by	: Customer	Location & Date	: RO Water -25/11/2025		
Sample Quantity	: 2 Litres	Sample Condition	: Good		
Sample Received On	: 25/11/2025	Environmental Condition	: 23.0°C - 27.0°C		
Test Commenced on	: 25/11/2025	Test Completed on	: 26/11/2025		

S. No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012	
					Acceptable Limit	Permissible Limit
18	Albuminoid Nitrogen	mg/L	CMWSSB SOP/001	0.03	-	-
19	Oxygen Absorbed @ 4 Hrs	mg/L	IS 3025: Part 63: 2007	0.15	-	-
20	Phosphate as P	mg/L	IS 3025: Part 31: Sec 1: 2022	0.01	-	-

BLQ: Below limit of Quantification LOQ: Limit of Quantification

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

-----End of Test Report-----

M. Sreedhar  
28/11/25  
Reviewed by  
Water Analyst,

28/11/25  
Authorised Signatory  
K Rama Moorthy - Executive Engineer

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KILPAUK, CHENNAI - 600010.



ULR No: TC14166250001315F TEST REPORT - DRINKING WATER Doc.No: CMWSSB/FRM/7.8/01

Report No: TR/2025/1315-01 Report Issue Date: 28/11/2025 Page No: 1 of 3  
Challan No: 347 Challan Date: 25/11/2025 Amount (Rs): 2596/-

Client Name & Address & Contact No / Email.ID : Bethel Global School  
Plot No:75-86, Bethel Avenue,Thiru Nagar  
Thirumullaivoyal  
Chennai-62

Sample Name : Water Sample Description : Drinking water  
Sample Number : 1315 Sample Container : Jerry Can  
Sample Submitted by : Customer Location & Date : Bore Well Water -25/11/2025  
Sample Quantity : 2 Litres Sample Condition : Good  
Sample Received On : 25/11/2025 Environmental Condition : 23 0°C - 27 0°C  
Test Commenced on : 25/11/2025 Test Completed on : 26/11/2025

S. No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012	
					Acceptable Limit	Permissible Limit
1	Colour	CU	IS 3025: Part 4: 2021	2	5	15
2	Odour	-	IS 3025: Part 5: 2018	Agreeable	Agreeable	Agreeable
3	Turbidity	NTU	IS 3025: Part 10: 2023	1.8	1	5
4	pH @ 25°C	-	IS 3025: Part 11: 2022	7.62	6.5 To 8.5	6.5 To 8.5
5	Electrical Conductivity @25°C	µS/cm	IS 3025: Part 14: 2013(RA 2023)	1536	-	-
6	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	814	500	2000
7	Total Hardness as CaCO3	mg/L	IS 3025: Part 21: 2009(RA 2023)	314	200	600
8	Calcium as Ca	mg/L	IS 3025: Part 40: 2024	53	75	200
9	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	44	30	100
10	Chloride as Cl	mg/L	IS 3025: Part 32: 1988(RA 2019)	190	250	1000

M. Sudek  
28/11/25  
Reviewed by  
Water Analyst

Authorised Signatory  
K Rama Moorthy - Executive Engineer

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 QUALITY ASURANCE WING, No.1, NEW AVADI ROAD,  
 KILPAUK, CHENNAI - 600010.



GLR No: TC14166250001315F		TEST REPORT - DRINKING WATER		Doc.No: CMWSSB/FRM/7.8/01	
Report No:	TR/2025/1315-01	Report Issue Date:	28/11/2025	Page No	2 of 3
Challan No:	347	Challan Date:	25/11/2025	Amount (Rs)	2596/-

S. No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012	
					Acceptable Limit	Permissible Limit
11	Total alkalinity as CaCO3	mg/L	IS 3025: Part 23: 2023	324	200	600
12	Chlorine,Residual	mg/L	IS 3025: Part 26: 2021	BLQ(LOQ:0.2)	0.2	1.0
13	Ammonia as N	mg/L	IS 3025: Part 34: 1988(RA 2019)	BLQ(LOQ:0.1)	0.5	No Relaxation
14	Nitrite as NO2	mg/L	IS 3025: Part 34: 2019(RA 2019)	BLQ(LOQ:0.01)	-	-
15	Fluoride as F	mg/L	IS 3025: Part 60: 2008(RA 2019)	BLQ(LOQ:0.2)	1.0	1.5
16	Sulphate as SO4	mg/L	IS 3025: Part 24: Sec 1: 2022	90	200	400
17	Iron as Fe	mg/L	IS 3025: Part 53: 2024	0.11	0.3	No Relaxation

*M. Sude*  
 28/11/25  
 Reviewed by  
 Water Analyst

*K Rama Moorthy*  
 28/11/25  
 Authorised Signatory  
 K Rama Moorthy - Executive Engineer

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TEST REPORT - DRINKING WATER

Doc.No: CMWSSB/FRM/7.8/01

Report No:	TR/2025/1315-01	Report Issue Date:	28/11/2025	Page No	1 of 3
Challan No:	347	Challan Date:	25/11/2025	Amount (Rs)	2596/-
Client Name & Address & Contact No / Email ID	Bethel Global School Plot No:75-86, Bethel Avenue, Thiru Nagar Thirumullaivoyal Chennai-62				
Sample Name	Water	Sample Description	: Drinking water		
Sample Number	: 1315	Sample Container	: Jerry Can		
Sample Submitted by	: Customer	Location & Date	: RO Water -25/11/2025		
Sample Quantity	: 2 Litres	Sample Condition	: Good		
Sample Received On	: 25/11/2025	Environmental Condition	: 23.0°C - 27.0°C		
Test Commenced on	: 25/11/2025	Test Completed on	: 26/11/2025		

S. No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012	
					Acceptable Limit	Permissible Limit
18	Albuminoid Nitrogen	mg/L	CMWSSB SOP/001	0.04	-	-
19	Oxygen Absorbed @ 4 Hrs	mg/L	IS 3025: Part 63: 2007	1.05	-	-
20	Phosphate as P	mg/L	IS 3025: Part 31: Sec 1: 2022	0.01	-	-

BLQ: Below limit of Quantification LOQ: Limit of Quantification

Remarks:

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

-----End of Test Report-----

M. Jude  
28/11/25  
Reviewed by  
Water Analyst

K Rama Moorthy  
28/11/25  
Authorised Signatory  
K Rama Moorthy - Executive Engineer

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