



RRTQ LABS PRIVATE LIMITED

(Reliable Results With True Quality)

A Government Registered and ISO 9001:2015 Certified Laboratory

Address: Plot No. 117A/3, Khasra No. 180, Near Cosmos School,
Tajpur Road, Molarband Extn, Badarpur, New Delhi - 110044

E-mail : rrtqlabs@gmail.com | website : www.rrtqlabs.com | Ph: 7827322303, 9355616901, 9355616902

TEST REPORT

Name & Address of Customer		Test Report Number	W20250425001
Issued to, M/s. COSMOS SCHOOL, Harsh Vihar, Tanki Road, Hari Nagar Part III, Meethapur, Badarpur, New Delhi 110044		ULR No.	TC154242500000039F
		Date of Report	30.04.2025
		Job Number	RL/25042501
		Sample Description	One Sample of Drinking Water (RO Water)
		Date of Sampling	25.04.2025
		Sampling Done by	Mr. Saurabh (Lab Representative)
		Type of Sampling	Grab
Sample Name	Drinking Water	Sampling Protocol	IS 17614 (Part 1): 2021
Sample Received on	25.04.2025	Sample Quantity	1 Litre
Analysis Started on	25.04.2025	Sample Packing	Plastic Bottle
Analysis Completed on	30.04.2025	Sample Marking	RO Water (Drinking Water)

RESULTS

S.No.	Parameters	Unit	Results	Requirement as per IS: 10500-2012		Test Method
				Acceptable Limit	Permissible Limit in the absence of alternate source	
1.	Colour	CU	< 5.0	5 Max	15 Max	IS 3025 (Part 4): 2021
2.	pH Value	--	7.23	6.5 to 8.5	No relaxation	IS 3025 (Part 11): 2022
3.	Turbidity	NTU	< 1.0	1 Max	5 Max	IS 3025 (Part 10): 2023
4.	Total Dissolved solids	mg/l	142.3	500 Max	2000 Max	IS 3025 (Part 16): 2023
5.	Total Hardness (as CaCO ₃)	mg/l	79.7	200 Max	600 Max	IS 3025 (Part 21): 2009
6.	Calcium (as Ca)	mg/l	15.9	75 Max	200 Max	IS 3025 (Part 40): 2024
7.	Magnesium (as Mg)	mg/l	9.7	30 Max	100 Max	IS 3025 (Part 46): 2023
8.	Chloride (as Cl)	mg/l	42.4	250 Max	1000 Max	IS 3025 (Part 32): 1988
9.	Sulphate (as SO ₄)	mg/l	13.8	200 Max	400 Max	IS:3025 (Part 24/sec1): 2022
10.	Fluoride (as F)	mg/l	0.4	1 Max	1.5 Max	IS:3025 (Part 60/Sec1): 2008
11.	Iron (as Fe)	mg/l	< 0.05	1.0 Max	No relaxation	IS:3025 (Part 53): 2024
12.	Total Alkalinity (as CaCO ₃)	mg/l	88.2	200 Max	600 Max	IS 3025 (Part 23): 2023
13.	Nitrate (as NO ₃)	mg/l	< 1.0	45 Max	No relaxation	IS 3025 (Part 34/sec1): 2023

Remarks: The above tested parameters meet the requirements as per IS: 10500-2012. Hence sample is potable based on the tests carried out.

End of Report



TC-15424

For RRTQ LABS PRIVATE LIMITED

R. Roshan
Rajesh Kumar Roshan
(Managing Director)

Devi
CHECKED BY

Format No.: RL/QF/7.8/01

AUTHORISED SIGNATORY

- Note :
- The results are related to the test items only.
 - Sample will be destroyed after two weeks from the date of issue of test report.
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Analysis Completed on	30.04.2025	Sample Marking	RO Water (Drinking Water)

RESULTS

S.No.	Parameters	Unit	Results	Requirement as per IS: 10500-2012		Test Method
				Acceptable Limit	Permissible Limit in the absence of alternate source	
1.	Odour	--	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5): 2018
2.	Taste	--	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8): 2023
3.	Total Coliform	MPN/100ml	Absent	Shall not be detectable in any 100 ml sample		IS 15185: 2016
4.	Escherichia coli	MPN/100ml	Absent	Shall not be detectable in any 100 ml sample		IS 15185: 2016

Remarks: The above tested parameters meet the requirements as per IS: 10500-2012. Hence sample is potable based on the tests carried out.

End of Report

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