

TEST REPORT

ULR No.TC143092400000466F

Sample Code: NTLPL/466	Date of Sampling	21.09.2024
Name Of the Organization : M/s. PRINCETON PUBLIC SCHOOL # 96, Jyothi Nagar, Medahalli, Virgonagar Post, Bangalore - 560049.	Date of Receipt	21.09.2024
	Date of Analysis Started	21.09.2024
	Date of Analysis Completed	24.09.2024
	Date of Report	25.09.2024
	Environmental Condition	Ambient
Sample Particulars : R.O Drinking Water	Sample Drawn By	Lab Representative
Source of Collection : R.O Filter Tap	Report No	NTLPL/466
Sampling Method : IS 17614 (Part-1) : 2021 & IS 1622 :1981 - 2019	Condition of the Sample	Satisfactory

RESULTS

S. No	Parameters	Protocol	Results	Standards IS : 10500 - 2012	
				Desirable Limits	Permissible Limits
1	pH Value	IS 3025 (Part - 11) 2017	6.52	6.5-8.5	No Relaxation
2	Colour, Hazen Unit	IS 3025 (Part - 4) 2017	2.0	5.0 Max	15
3	Odour	IS 3025 (Part - 6) 2017	Agreeable	Agreeable	Agreeable
4	Turbidity, NTU	IS 3025 (Part - 10) 2017	0.1	1.0 Max	5.0 Max
5	Total Dissolved Solids, mg/L	IS 3025 (Part - 16) 2017	30.6	500 Max	2000 Max
6	Total Hardness as CaCO ₃ , mg/L	IS 3025 (Part - 21) 2019	8.0	200 Max	600 Max
7	Calcium as Ca, mg/L	IS 3025 (Part - 40) 2019	1.6	75 Max	200 Max
8	Magnesium as Mg, mg/L	IS 3025 (Part - 46) 2014	1.0	30 Max	100 Max
9	Alkalinity as CaCO ₃ , mg/L	IS 3025 (Part - 23) 2019	8.8	200 Max	600 Max
10	Chlorides as Cl, mg/L	IS 3025 (Part - 32) 2019	6.0	250 Max	1000 Max
11	Sulphates as SO ₄ , mg/L	IS 3025 (Part - 24) 2019	1.0	200 Max	400 Max
12	Nitrates as NO ₃ , mg/L	IS 3025 (Part - 34) 2019	0.2	45 Max	No Relaxation
13	Iron as Fe, mg/L	IS 3025 (Part - 53) 2019	0.05	1.0 Max	No Relaxation
14	Fluoride as F, mg/L	APHA 4500-FD 23rd Edition : 2017	0.1	1.0 Max	1.5
Microbiological Parameters					
15	E.coli /100ml	IS 15185 - 2016 (RA 2021)	Absent	Absent	Absent
16	Coliforms/100ml	IS 15185 - 2016 (RA 2021)	Absent	Absent	Absent

INFERENCE: As per IS Standards 10500 - 2012. The above tested results are within the limits.

H. Shilpa
ANALYZED BY

Patra S
MICROBIOLOGIST



Sowjanya *Shilpa*
AUTHORISED SIGNATORIES
K. SOWJANYA
Sr. Chemist

End of the Report

- Note: 1. The results refer only to the tested samples and applicable Parameters
2. This report not to be reproduced wholly or in part & Cannot be used as an evidence in the Court of Law
3. Samples will be stored for a period of 15 Days on receipt ,unless otherwise specified.
Perishable samples shall be destroyed immediately after analysis.
4. Nexus Test Labs doesnot hold any responsibility for variation in test results for samples kept on hold for want of clarification

SHILPA
Sr. Microbiologist

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NEXUS TEST LABS PVT. LTD.,

Shilpa
SECRETARY

M.H. Shilpa R. Shen
PRINCIPAL



Sy.No-114, Site No: 115,116 1st & 2nd Floor, Rajapalya, Hoodi Gardens, Mahadevapura Post, Whitefield Road, Bangalore - 560 048
Tel : +91 8050448777, Email : info@nexusstestlabs.com, Web : nexusstestlabs.com

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