



Report No: SKAEW/ANAL/890A/24-25

Report Issue Date: 20.07.2024

ANALYSIS REPORT OF WATER QUALITY

1	Name Of Client	: Spoorti Central School
2	Sample Description	: RO Water
3	Sample Supplied by	: Client
4	Sampling Method adopted	: As per APHA 23 rd Edition-2017
5	Discipline	: Chemical
6	Group	: Water
7	Type of sampling	: Grab Sampling
8	Date of Collection	: 15.07.2024
9	Date of Sample Receipt	: 15.07.2024
10	Lab Code	: 1037A/02
11	Date of Sample taken for analysis	: 15.07.2024
12	Date of Completion of test	: 20.07.2024

Sl. No.	Parameters	Protocol	Unit	Result	Standard IS 10500-2012 (RA-2015)	
				RO Water	AL	PL
1	Odor	IS: 3025 (Part-5)	---	Agreeable	Agreeable	
2	Turbidity in NTU	IS: 3025 (Part-10), RA-2017	NTU	1	1 Max	5 Max
3	pH@ 25°C	IS: 3025 (Part-11)	---	6.41	6.5-8.5	No relaxation
4	Electrical Conductivity	IS: 3025 (Part-14), RA-2019	µS/cm	89.4	Not Specified	
5	Total Dissolved Solids (TDS)	IS: 3025 (Part-16), RA-2017	mg/L	43	500 Max	2000 Max
6	Total Hardness as CaCO ₃	IS: 3025 (Part-21), RA-2019	mg/L	30.00	200 Max	600 Max
7	Calcium (as Ca)	IS: 3025 (Part-40), RA-2019	mg/L	5.60	75 Max	200 Max
8	Magnesium (as Mg)	APHA 23 rd edition 3500-Mg,B	mg/L	3.88	30 Max	100 Max
9	Total Alkalinity as CaCO ₃	IS: 3025 (Part-23), RA-2019	mg/L	38.16	200 Max	600 Max
10	Chloride (as Cl)	IS: 3025 (Part-32), RA-2019	mg/L	16.33	250 Max	1000 Max
11	Fluoride (as F)	APHA 23 rd edition 4500-F.B,D	mg/L	0.15	1.0 Max	1.5 Max
12	Sulphate (as SO ₄)	IS: 3025 (Part-24), RA-2019	mg/L	94.96	200 Max	400 Max
13	Iron (as Fe)	IS: 3025 (Part-53), RA-2019	mg/L	BDL	1.0 Max	No relaxation
14	Nitrate Nitrogen (as NO ₃ -N)	APHA 23 rd edition 4500-NO ₃ ,E	mg/L	4.05	45 Max	No relaxation
15	Total Coliform	IS : 1622	MPN/100	Not Detected	Shall not be detected in any 100ml Sample	
16	E-Coli	IS : 1622	---	Absent	Not specified	

AL-Acceptable Limits, PL- Permissible Limits, RA-Reaffirmed

NOTE:

- The Results listed above pertain only to the tested sample and applicable parameters.
- Samples which are degradable will be disposed immediately after testing and others will be disposed after fifteen days from the date of sample receipt unless Otherwise specified.
- Total liability of our laboratory is limited to the invoice amount.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media Without written approval of the laboratory.
- In case any reconfirmation of contents of this Test Report is required, please contact our office.
- Subjected to Hubli-Jurisdiction.

Statement of Conformity

Tested Parameters complies with IS : 10500-2012

For

VERIFIED BY
For Spoorti Charitable Trust (R)

President



Radha M Bengeri

AUTHORIZED SIGNATORY
Radha M BengeriPRINCIPAL
SPOORTI CENTRAL SCHOOL
KALAGHATAGI.



Report No: SKAEW/ANAL/890A/24-25

Report Issue Date: 20.07.2024

ANALYSIS REPORT OF WATER QUALITY

1	Name Of Client	: Spoorti Central School
2	Sample Description	: Tap Water
3	Sample Supplied by	: Client
4	Sampling Method adopted	: As per APHA 23 rd Edition-2017
5	Discipline	: Chemical
6	Group	: Water
7	Type of sampling	: Grab Sampling
8	Date of Collection	: 15.07.2024
9	Date of Sample Receipt	: 15.07.2024
10	Lab Code	: 1037A/01
11	Date of Sample taken for analysis	: 15.07.2024
12	Date of Completion of test	: 20.07.2024

Sl. No.	Parameters	Protocol	Unit	Result	Standard IS 10500-2012 (RA-2015)	
				Tap Water	AL	PL
1	Odor	IS: 3025 (Part-5)	---	Agreeable	Agreeable	
2	Turbidity in NTU	IS: 3025 (Part-10), RA-2017	NTU	1	1 Max	5 Max
3	pH@ 25°C	IS: 3025 (Part-11)	---	6.87	6.5-8.5	No relaxation
4	Electrical Conductivity	IS: 3025 (Part-14), RA-2019	µS/cm	736	Not Specified	
5	Total Dissolved Solids (TDS)	IS: 3025 (Part-16), RA-2017	mg/L	370	500 Max	2000 Max
6	Total Hardness as CaCO ₃	IS: 3025 (Part-21), RA-2019	mg/L	276.00	200 Max	600 Max
7	Calcium (as Ca)	IS: 3025 (Part-40), RA-2019	mg/L	51.20	75 Max	200 Max
8	Magnesium (as Mg)	APHA 23rd edition 3500-Mg,B	mg/L	35.96	30 Max	100 Max
9	Total Alkalinity as CaCO ₃	IS: 3025 (Part-23), RA-2019	mg/L	277.72	200 Max	600 Max
10	Chloride (as Cl)	IS: 3025 (Part-32), RA-2019	mg/L	45.37	250 Max	1000 Max
11	Fluoride (as F)	APHA 23 rd edition 4500-F-B,D	mg/L	0.25	1.0 Max	1.5 Max
12	Sulphate (as SO ₄)	IS: 3025 (Part-24), RA-2019	mg/L	19.49	200 Max	400 Max
13	Iron (as Fe)	IS: 3025 (Part-53), RA-2019	mg/L	BDL	1.0 Max	No relaxation
14	Nitrate Nitrogen (as NO ₃ -N)	APHA 23rd edition 4500-NO ₃ -E	mg/L	2.16	45 Max	No relaxation
15	Total Coliform	IS : 1622	MPN/100	Not Detected	Shall not be detected in any 100ml Sample	
16	E-Coli	IS : 1622	---	Absent	Not specified	

AL-Acceptable Limits, PL- Permissible Limits, RA-Reaffirmed

NOTE:

- The Results listed above pertain only to the tested sample and applicable parameters.
- Samples which are degradable will be disposed immediately after testing and others will be disposed after fifteen days from the date of sample receipt unless Otherwise specified.
- Total liability of our laboratory is limited to the invoice amount.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media Without written approval of the laboratory.
- In case any reconfirmation of contents of this Test Report is required, please contact our office.
- Subjected to Hubli-Jurisdiction.

Statement of Conformity

Tested Parameters complies with IS : 10500-2012

VERIFIED BY
For Spoorti Charitable Trust (R)

Loosla
President



AUTHORIZED SIGNATORY
 Mrs. Radha M Bengeri

PRINCIPAL
SPOORTI CENTRAL SCHOOL