

Sample ID : STB201105 / 1331
Customer Name : M/s Laxmi Rice Mill Pvt Ltd., At- Kusumkhal, PO- Belgaon,
 Dist- Bolangir, Odisha, Pin - 767032
Sampling Location : At- Kusumkhal
Sample / Source : Borewell Water
Sample collection Date : 04.11.20
Sample Receipt Date : 05.11.20
Analysis completed on : 10.11.20

Sr. No.	PARAMETERS	TEST METHODS	OBTAINED RESULTS	Limits (as per IS 10500)	
				Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1	pH	IS: 3025 (Pt-11) 1983,(Cl. 2), RA-2017	6.68	6.5 - 8.5	No relaxation
2	Conductivity (µs/cm)	IS: 3025 (Pt-14) 1984, RA-2019	302.0	NA	NA
3	Turbidity (NTU)	IS: 3025 (Pt-10) 1984, RA-2017	0.08	1 NTU	5 NTU
4	Total Dissolved Solids (mg/l)	IS: 3025 (Pt-16) 1984, RA-2017	217	500 mg/l	2000 mg/l
5	Total Suspended Solids (mg/l)	IS: 3025 (Pt-17) 1984, RA-2017	0	NA	NA
6	Dissolve Oxygen (mg/l)	IS 3025 (Pt-38) 1989,(Cl. 4.2),RA -2019	6.9	NA	NA
7	Total Alkalinity (as CaCO ₃) (mg/l)	IS: 3025 (Pt-23) 1986, RA -2019	126	200 mg/l	600 mg/l
8	Total Hardness (as CaCO ₃) (mg/l)	IS: 3025 (Pt-21) 2009, RA - 2019	140	200 mg/l	600 mg/l
9	Calcium (as Ca)(mg/l)	IS: 3025 (Pt-40) 1991, RA - 2019	32.06	75 mg/l	200 mg/l
10	Magnesium (as Mg)(mg/l)	APHA 23 rd Edition 3500-Mg (B)	14.58	30 mg/l	100 mg/l
11	Chlorides (as Cl) (mg/l)	IS:3025 (Pt-32) 1988, (Cl. 2) , RA -2019	13.99	250 mg/l	1000 mg/l
12	Colour	IS:3025 (Pt-5) 2018, Rev-2	Agreeable	Agreeable	Agreeable
13	Taste	IS 3025 (Pt-7 & 8) 1984, RA - 2017	Agreeable	Agreeable	Agreeable
14	Sodium (mg/l)	IS 3025 (Pt-45) 1993, RA - 2019	7.5	NA	NA
15	Potassium(mg/l)	IS 3025 (Pt-45) 1993, RA - 2019	1.6	NA	NA
16	Colour, Hazen Units (HU)	APHA 23 rd Edition 2120 (C)	1.01	5 HU	15 HU
17	Ammonia as N(mg/l)	IS 3025 (Pt-34) 1988,(Cl. 2.3),RA -2019	0.15	0.5 mg/l	No relaxation
18	Iron (as Fe)(mg/l)	IS:3025 (Pt-53) 2003, (Cl. 6), RA - 2019	0.035	1.0 mg/l	No relaxation
19	Nitrite (as N)(mg/l)	IS 3025 (Pt-34) 1988,(Cl. 4), RA -2019	11.15	NA	NA
20	Fluoride (as F) (mg/l)	APHA 23 rd Edition 4500 F ⁻ (D)	0.083	1.0 mg/l	1.5 mg/l
21	Sulphate (mg/l)	IS: 3025 (Pt-24) 1986, (Cl. 4), RA - 2019	5.76	200 mg/l	400 mg/l
22	Phosphate (total)(mg/l)	APHA 23 rd Edition 4500- P (C)	0.083	NA	NA
23	Silica(mg/l)	IS 3025 (Pt-35) 1988, (Cl. 3), RA - 2019	44.84	NA	NA
24	E. Coli (CFU/100 ml)	IS: 15185 : 2016	Absent	Absent	Absent
25	Coliform (CFU/100 ml)	IS: 15185 : 2016	141	Absent	Absent

End of Report

Bleatapathy
Signature (Analyst)

