



Under PPP Mode, Govt. of Odisha.

TEST REPORT

Customer Name & Address: M/s The Principal, Kendriya Vidyalaya, At- Khurda Road, Retang Colony, Jatani, Khurda, Odisha.	ULR No.: TC942822000000366F
Contact Person: Mr D.P. Sharma.	Test Report No.: STB06122022/0481
E.mail ID: kvkhurदारoadprincipal@gmail.com	Contact No.: 9437566901
Type of Sample (Source) : Drinking Water (Aquaguard)	Date of Sample Receipt: 06.12.2022
Sampling Location: Kendriya Vidyalaya, Khurda.	Sample Quantity (Received): 3 Ltr.
Sample Condition: Good	Date of Start of Testing: 06.12.2022
Sample Submitted at Laboratory By: Customer	Date of Completion of Test: 07.12.2022
Special Instruction (If Any): No	Test Report Issue Date: 09.12.2022
Customer reference No. & Date: As per Contract.	Sample ID: STB221206/0481

1. (Chemical Testing – Water) TEST RESULTS

Sr. No.	TEST PARAMETERS	TEST METHODS	OBSERVED RESULTS	Limits Max. (as per IS 10500)	
				Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1	pH	IS 3025 (Pt-11), 2022	6.12 at 25 °C	6.5 - 8.5	No relaxation
2	Conductivity (µs/cm)	IS 3025 (Pt-14) 2013, RA-2019	259.4 at 25 °C	NA	NA
3	Turbidity (NTU)	IS 3025 (P-10) 1984, RA-2017	1.16	1 NTU	5 NTU
4	Total Dissolved Solids (mg/l)	IS 3025 (P-16) 1984, RA-2017	181 at 180 °C	500 mg/l	2000 mg/l
5	Total Suspended Solids (mg/l)	IS 3025 (P-17), 2022	*BDL	NA	NA
6	Total Alkalinity(as CaCO ₃) (mg/l)	IS 3025 (P-23) 1986, RA -2019	55	200 mg/l	600 mg/l
7	Total Hardness (as CaCO ₃) (mg/l)	IS 3025 (P-21) 2009, RA - 2019	102	200 mg/l	600 mg/l
8	Calcium (as Ca) (mg/l)	IS 3025 (P-40) 1991, RA - 2019	24.84	75 mg/l	200 mg/l
9	Magnesium (as Mg) (mg/l)	APHA 23 rd Edition 3500-Mg (B)	9.72	30 mg/l	100 mg/l
10	Chlorides (as Cl) (mg/l)	IS 3025 (P-32) 1988, (Cl. 2) , RA-2019	29.49	250 mg/l	1000 mg/l
11	Odour	IS 3025 (P-5) 2018	Agreeable	Agreeable	Agreeable
12	Taste	IS 3025 (P-8) 1984, RA-2017	Agreeable	Agreeable	Agreeable
13	Sodium (as Na) (mg/l)	IS 3025 (P-45) 1993,(Cl. 5),RA - 2019	17.3	NA	NA
14	Potassium(as K) (mg/l)	IS 3025 (P-45) 1993,(Cl. 5),RA - 2019	4.6	NA	NA
15	Colour, Hazen Units (HU)	APHA 23 rd Edition 2120 (C)	3.01	5 HU	15 HU
16	Ammonia as N (mg/l)	IS 3025 (P-34) 1988,(Cl. 2.3),RA-2019	0.053	0.5 mg/l	No relaxation
17	Iron (as Fe) (mg/l)	IS 3025 (P-53) 2003, (Cl. 6), RA-2019	0.10	1.0 mg/l	No relaxation
18	Nitrate as NO ₃ (mg/l)	APHA 23 rd Edition 4500 N - NO ₃ (B)	2.01	45 mg/l	No relaxation
19	Nitrite (as N) (mg/l)	IS 3025 (P-34) 1988,(Cl. 4), RA-2019	0.05	NA	NA
20	Fluoride (as F) (mg/l)	APHA 23 rd Edition 4500 F (D)	0.067	1.0 mg/l	1.5 mg/l
21	Sulphate (as SO ₄ ²⁻) (mg/l)	IS 3025 (Pt-24/Sec1) (Cl.5), 2022	3.84	200 mg/l	400 mg/l
22	Silica (as SiO ₂) (mg/l)	IS 3025 (P-35) 1988, (Cl. 3), RA-2019	9.29	NA	NA

*BDL-Below Detection Limit (TSS- Detection Limit is 1 mg/l)

- Remarks:**
1. Test results are related to the sample submitted by the customer only.
 2. Test report refers to the values obtained at the time of testing & results are related to the sample tested as above under the stated condition.
 3. The report shall not be reproduced in part / full without written consent of the laboratory.

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





(TC-9428)

Under PPP Mode, Govt. of Odisha.

TEST REPORT

Customer Name & Address: M/s The Principal, Kendriya Vidyalaya, At- Khurda Road, Retang Colony, Jatani, Khurda, Odisha.	ULR No.: TC942822000000366F
Contact Person: Mr D.P. Sharma	Test Report No.: STB06122022/0481
E.mail ID: kvkhurdaroadprincipal@gmail.com	Contact No.: 9437566901
Type of Sample (Source): Drinking Water (Aquaguard)	Date of Sample Receipt: 06.12.2022
Sampling Location: Kendriya Vidyalaya, Khurda	Sample Quantity (Received): 3 Ltr
Sample Condition: Good	Date of Start of Testing: 06.12.2022
Sample Submitted at Laboratory By: Customer	Date of Completion of Test: 08.12.22
Special Instruction (If Any): No	Test Report Issue Date: 09.12.22
Customer reference No. & Date: As per Contract.	Sample ID: STB221206/0481

1.(Biological Testing – Water)

Sr. No.	TEST PARAMETERS	TEST METHODS	OBSERVED RESULTS	Limits Max. (as per IS 10500)	
				Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1	Total Coliform (CFU/100 ml)	IS 15185:2016	<1	Absent /100 ml	Absent
2	E.coli (CFU/100 ml)	IS 15185:2016	<1	Absent /100 ml	Absent
3	F.streptococci (CFU/100 ml)	IS 15186:2002	<1	Absent /100 ml	Absent

[NOTE- <1: Not detected in 100ml]

- Remarks:**
1. Test results are related to the sample submitted by the customer only.
 2. Test report refers to the values obtained at the time of testing & results are related to the sample tested as above under the stated condition.
 3. The report shall not be reproduced in part / full without written consent of the laboratory.

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

