

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 473/RMC/23

Dated: 3.6.2023

It is certified that an inspection team headed by Dr. Primal Kumar, M.A.B.(Name of Officers with designation) from D.W.S. Dept.(Name of Department/ Office) inspected the Katherine Academy, A.T. Pe. laul, Bichna, Khunti, Jharkhand(Name & Address of the school) on 27.5.2023 (date of inspection) and found that the Katherine Academy (Name of school) has safe drinking water facilities for the students and members of staff of the institution and is maintaining the hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central/ State/ U.T. Govt.The above is valid for a period of one (01) year

(N) 20/1/2023
अवर प्रमंडल पदाधिकारी
स्वास्थ्य विभाग

Signature with Seal: अवर प्रमंडल पदाधिकारीName: Primal KumarDesignation: Asst. Engineer DWSName & Address of the Office / Department: DWS

To

PrincipalKatherine AcademyPe. laul, Bichna, Khunti, Jharkhand
(Name & Address of the Institution)

* The filled up certificate should be either in Hindi or English. If it is issued in vernacular language, translated notarized version in English be uploaded along with the original vernacular certificate as a single pdf.

ENalyze*

TEST REPORT		Report No. RNC/OSD/06/2023/619
Name of Client and Address: M/s. KATHERINE ACADEMY PELOUL, BICHNA, KHUNTI, JHARKHAND	Sample Code	SMT/OSD/05/2023/502
	Sample Location	Drinking Water
	Sample Collected By	Simdega Biotech Pvt. Ltd.
	Method of Sampling	IS:3025 (Part 1)
	Sample Type	Drinking Water
	Sample Collected On	14.06.2023
	Sample Received on Date	14.06.2023
	Analysis Date	25.05.2023 to 30.05.2023
	Reporting Date	30.05.2023
Sample returned /stored	Stored at 4 ^o C for 1 week from the date of reporting	

TEST PARAMETERS

Sr. No.	Parameter	Result	Limit as per IS:10500	Unit	Standard Method
1	Colour	1.0	<5	Hazen Units	IS:3025 Part-04 (R.A:2002)
2	Odour	Agreeable	Agreeable	--	IS:3025 Part-05 (R.A:2002)
2	Turbidity	0.37	<1.0	NTU	IS:3025 Part-10 (R.A:2002)
3	TDS	67.0	<500	Mg/Lit	IS:3025 Part-16 (R.A:2002)
Chemical Parameters					
1	pH	7.45	6.5 to 8.5	--	IS:3025 Part-11(R.A:2002)
2	Total Hardness as CaCO ₃	59.12	<200	mg/lit	IS:3025 Part-21(2009)
3	Total Alkalinity as CaCO ₃	42.46	<200	mg/lit	IS:3025 Part-23 (R.A:2003)
4	Chloride as Cl	14.82	<250	mg/lit	IS:3025 Part-32 (R.A:2003)
5	Sulphate as SO ₄	4.12	<200	mg/lit	APHA:22 ND edition-(4500-SO ₄ E)
6	Residual Chlorine	BDL	0.2	mg/lit	APHA:22 ND edition-(4500-Cl B)
7	Sulphides as S	BDL	<0.05	mg/lit	IS:3025 (Part 29)
8	Ammonia	BDL	<0.5	mg/lit	APHA:22 ND edition-(3500-Cr B)
9	Nitrate as NO ₃	1.0	<45.0	mg/lit	APHA:22 ND edition- (4500-F F)
10	Fluorides as F	0.24	<1.0	mg/lit	APHA: 22 ND edition-(4500-F F)
11	Phenol	BDL	<0.001	mg/lit	IS: 3025 Part-43(R.A: 2003)
12	Detergent	BDL	<0.2	mg/lit	APHA: 22 ND edition -(5540 C)
Elemental Parameters					
1	Calcium as Ca	21.12	<75.0	mg/lit	IS:3025 Part-02(2004)
2	Cadmium as Cd	BDL	<0.003	mg/lit	IS:3025 Part-02(2004)
3	Manganese as Mn	0.02	<0.1	mg/lit	IS:3025 Part -02(2004)
4	Iron as Fe	<0.1	<0.30	mg/lit	IS:3025 Part-02(2004)
5	Magnesium as Mg	4.45	<30.0	mg/lit	IS:3025 Part-02(2004)
6	Mercury as Hg	BDL	<0.001	mg/lit	IS:3025 Part-02(2004)
7	Selenium as Se	BDL	<0.01	mg/lit	IS:3025 Part-02(2004)
8	Zinc as Zn	0.32	<5	mg/lit	IS:3025 Part-02(2004)
9	Arsenic as As	BDL	<0.01	mg/lit	IS:3025 Part-02(2004)
10	Lead as Pb	BDL	<0.01	mg/lit	IS:3025 Part-02(2004)
11	Chromium as Cr	BDL	<0.03	mg/lit	IS:3025 Part-02(2004)

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

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12	Aluminum as Al	0.32	<0.03	mg/lit	IS:3025 Part-02(2004)
13	Copper as Cu	<0.02	<0.05	mg/lit	IS:3025 Part-02(2004)
14	Boron as B	0.02	<0.5	mg/lit	IS:3025 Part-02(2004)
15	Barium as Ba	0.003	<0.7	mg/lit	IS:3025 Part-02(2004)
16	Silver as Ag	BDL	<0.1	mg/lit	IS:3025 Part-02(2004)
17	Molybdenum as Mo	BDL	<0.07	mg/lit	IS:3025 Part-02(2004)
18	Nickel as Ni	<0.01	<0.02	mg/lit	IS:3025 Part-02(2004)
Microbiological Parameters					
1	Total Coliform	<2	Absent	MPN/100ml	IS: 1622 (R.A :1996)
2	Escherichia coli	<2	Absent	MPN/100ml	IS: 1622 (R.A :1996)

➤ BDL – Below Detectable Limit

➤ Note: For E-Coli and Coliform <2 can be considered as absent

for Neeta
Verified By - Dr. Neeta Zatakia
Technical Manager

Sarita
Authorized By - Sarita Upadhye
Technical Manager

Bikash
Govt. Analyst
Dr. Bikash Aich
Managing Director
-----End of Report-----

