



Test Report No. INHYD23062981013092630

ULR No. : TC504023000024296F

Report Issue Date: 13 Oct 2023

**Test Report**

Report Issued To: St.Agnes High School

Sy No: 104, Gundla,Pochamally, Medhal Mandal - 500100, India

BV Sample ID : 1333661  
Group : Water, Residues in Water  
Customer Reference\*\* : SSF  
Sample receipt date : 23 Sep 2023  
Date of registration : 23 Sep 2023  
Date of commencing of testing : 23 Sep 2023  
Date of Completion of testing : 28 Sep 2023  
Sample Name\*\* : Drinking Water  
Sample condition on receipt : Ambient  
Sample quantity / Package\*\* : 2 It X 1 No  
Batch No. / Lot No.\*\* : NA

Sample Information: Sample Submitted By Customer

No.	Test Parameters	Unit	Test Results	Acceptable Limits as per IS 10500 : 2012	Permissible Limit in the absence of alternate source	Test Method	LOQ
<b>Microbiological Analysis (Discipline: Biological)</b>							
1	Coliforms	Per 100 ml	Absent	Shall not be detectable in any 100ml of sample	-	IS 15185 : 2016	-
2	E.coli	per 100 mL	Absent	Shall not be detectable in any 100ml of sample	-	IS 15185 : 2016	-
3	Faecal Coliforms	per 100 mL	Absent			IS 1622:1981	-
<b>Organoleptic and Physical parameters (Discipline: Chemical)</b>							
4	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (P-5) : 2018	-
5	pH	-	6.89	6.5-8.5	No relaxation	IS 3025 (P-11) : 2022	1
6	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (P-7 & 8) : 2017	-
7	Turbidity	NTU	BLQ	1 max	5 max	IS 3025 (P-10) : 1984	1
8	Total Dissolved Solids	mg/L	58	500 max	2000 max	IS 3025 (P-16) : 2023	1
<b>General Parameters Concerning substances undesirable in excessive Amount(Discipline: Chemical)</b>							
9	Calcium	mg/L	6	75 max	200 max	IS 3025 (P-40) : 1991	1
10	Chloride as Cl	mg/L	10	250 max	1000 max	IS 3025 (P-32) : 1988	1
11	Fluorides as F	mg/L	BLQ	1.0 max	1.5 max	APHA 23rd Ed. 4500 F-D	0.1
12	Iron as Fe#	mg/L	BLQ	1.0 max	No relaxation	APHA 23rd Ed. 3125	0.001
13	Magnesium as Mg	mg/L	BLQ	30 max	100 max	IS 3025 (P-46) : 1994	1
14	Nitrate as NO3	mg/L	BLQ	45 max	No relaxation	APHA 23rd Ed. 4500- NO3 B	0.1
15	Sulphates as SO4	mg/L	8	200 max	400 max	IS 3025 (P-24) sec1: 2022	1
16	Total Alkalinity as CaCO3	mg/L	26	200 max	600 max	IS 3025 (P-23) : 1986	1
17	Total Hardness as CaCO3	mg/L	18	200 max	600 max	IS 3025 (P-21) : 2009	1

Abbreviations: UOM: Unit of measurement, LOQ: Limit of Quantification, LOD: Limit of Detection, BLQ: Below limit of quantification, ND: Not Detected, NMT: Not More Than, NLT: Not Less Than, M: Microbiological limit that no sample unit may exceed. max: Maximum, min: Minimum.

Note: SAMPLE TESTED AS RECEIVED

**Remarks :**

Test for Iron parameters is facilitated from other NABL accredited lab.



Sub No.: 223024

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Authorized Signatory

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Manager - Lab Operations

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--- End of Report ---



Slip No.: 223025