

**SUB-DIVISIONAL WATER TESTING LABORATORY,
R.W.S. & S. SUB-DIVISION, ANGUL**

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WATER ANALYSIS REPORT

TEST REPORT NO.-SDWTLA-TR/2023-24/S-01 to S-01

DATE OF ISSUE – 30.11.2023

Sample Particulars		Details of Sampling	
Name of the Customer :-	LITTLE HEARTS TODDLERS ACADEMY	Type of Source:-	Ground Water Sample deposited in 500ml bottle
		Date of Sampling:-	23.11.2023
		Sample receive date/ Time: - Vide letter No.	23.11.2023 (12:30 PM) Vide Letter No.- LHFA/L/23-24/53
Sample Package Condition:- Unsealed	Sample Registration Date:-	23.11.2023	
a) Quantity of Sample Received – 500ml	Sampling Protocol:-	Samples are not collected by of this Laboratory	
b) Type of Container :- pp	Sample Collected by:-	Not Specified	
c) Sealed / Unsealed : Unsealed	Sample Location:-	Block – Banarpal At – Talataila PO- Jamunali Hab – Kuio Loc – Kuio-Jamunali Road Pin - 759123	

TEST RESULT

Test started on-		29.11.2023		Test completed on-		30.11.2023	
Sl.	Test Parameters	Units	Results	Requirements IS 10500 : 2012		Test Method	
				Acceptable Limit	Permissible Limit in absence of alternate source		
1	Temperature	⁰ C	25.6	NA	NA	Electrometric Method, (APHA 23 ^o Ed 4500-H. B)	
2	Colour	HU	2	5	15	Visual Comparison Method (APHA,23rd Ed. - 2120 B)	
3	Odour		Agreeable	Agreeable	Agreeable	Observation Method (APHA,23rd Ed - . 2150 B)	
4	Taste		Agreeable	Agreeable	Agreeable	Observation Method (APHA,23rd Ed - . 2160 B)	
2	p ^H	p ^H Unit	7.47	6.5 to 8.5	No relaxation	Electrometric Method, (APHA 23 rd Ed 4500-H ⁺ B)	
3	Turbidity	NTU	0.54	1.0	5.0	Neph elometric Method (APHA 23 rd Ed. - 2130. B)	
4	TDS	mg/L	303	500	2000	Gravimetric Method, (APHA 23 rd Ed 2540 C)	

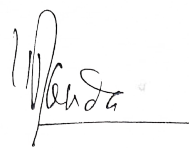
5	Chloride	mg/L	12	250	1000	Argentometric Method (APHA 23 rd Ed 4500 – Cl- B)
6	Total Alkalinity (as CaCO ₃)	mg/L	84	200	600	Titration Method (APHA 23 rd Ed. - 2320 B)
7	Total Hardness (as CaCO ₃)	mg/L	120	200	600	EDTA Titrimetric Method (APHA 23 rd Ed 2340 C)
8	Calcium (as Ca)	mg/L	27.25	75	200	EDTA Titrimetric Method (APHA 23 rd Ed 3500 B)
9	Magnesium (as Mg)	mg/L	12.63	30	100	Calculation Method (APHA 23 rd Ed 3500 B)
10	Conductivity	uhms	466.2	NA	NA	Laboratory Method (APHA 23 rd Ed 2510 B)
11	Fluoride (as F)	mg/L	0.108	1	1.5	Spadns Method (APHA 23 rd Ed 4500 (F) D)
12	Iron (as Fe)	mg/L	0.591	1	No Relaxation	Phenanthroline Method (APHA 23 rd Ed 3500 B)
16	Free Residual Chlorine	mg/L	0.2	0.2	1.0	Visual Comparison Method (O T Method)
13	Total coliform	mg/L	-ve	Shall not be detectable in any 100 ml sample	No Relaxation	MPN



Lab. Chemist

Sub-Divisional Water Testing Laboratory,
RWS&S Sub-Division, Angul
Authorized Signatory


Assistant Engineer
RWS&S Section, Angul

*** End of Report ***


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Little Hearts Toddlers Academy
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Manager
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