

DISTRICT WATER TESTING LABORATORY, R.W.S & S DIVISION, MAHANADI VIHAR, CUTTACK

Mob. -0671-2441619; E-mail. -cuttackdistlab@gmail.com
 WATER ANALYSIS REPORT



TEST REPORT NO - DWTLCTR/10/2024-25/S-1 to S-1
 ULR NO - TC41372400000010F
 DATE OF ISSUE - 16.04.2024

Sample Particulars		Details of Sampling	
Name of the Customer:	K.M.B.B PUBLIC SCHOOL	Type of Source	AQUAGARD
		Date of Sampling	15.04.2024
		Sample receive date/ time.	15.04.2024(12 PM)
Sample Package Condition:-		Sample Registration Date:-	15.04.2024
a) Quantity of Sample Received - 500ml		Sampling Protocol:-	Samples are not collected by Sample Collector of this Laboratory
b) Type of Container :- pp		Sample Collected by:-	AMAYA BHUSAN MOHANTY
c) Sealed / Unsealed : Sealed		Sample Location:-	AT/PO-HARANPUR BARANG,CUTTACK-754005

TEST RESULT

Test started on-	15.04.2024	Test completed on-	16.04.2024
Sl.	Test Parameters	Units	Results
			Requirements IS: 10500 : 2012
			Acceptable Limit
			Permissible Limit in absence of alternate source
1	FLUORIDE	Mg/l	1. 0.014
			1.0
			1.5
			SPADNS METHOD METHOD(APHA 23° Ed-4500 F ° C)

BACTERIOLOGICAL TEST

1	E.COLIFORM	MPN/100 ml	1) <1.0	Shall not be detectable in any 100ml samples	Colliert-18/IDEXX-QUANTITY TRAY
2	TOTAL COLIFORM	MPN/100 ml	1) <1.0		
					IENZYME SUBSTRATE TEST APHA 23° Ed 9223-cl- B)

Note :- The samples were tested with dilution.
 Information on Test Request
 Sample received time to sampling time used in the Laboratory.
 If a test result is not to be reported or printed or filed without written approval of DWTLCT.
 RWS&S - Anantpur Public Health Association

(*ON THE BASIS OF THESE PARAMETERS THE SAMPLE IS OK TO USE AS DRINKING PURPOSES)

Checked & Compared

 16.04.24
 Lab Chemist (TM)
 Technical Manager
 District Water Testing Laboratory
 RWS&S Division, Cuttack

16.04.24
 Lab. Chemist(QM)
 District Water Testing Laboratory,
 RWS&S Division, Mahanadi Vihar, Cuttack
 Authorized Signatory

Quality Manager
 District Water Testing Laboratory
 RWS&S Division, Cuttack

Principal
 KMBB Public School
 Naranpur, Baranga
 Cuttack-754005, Odisha

Manager
 KMBB Public School

10	Calcium (as Ca)	mg/l	1- 38.47	75	200	EDTA Titrimetric Method (APHA 23 rd Ed 3500 B)
11	Magnesium (as Mg)	mg/l	1- 6.31	30	100	Calculation Method (APHA 23 rd Ed 3500 B)
13	SULPHATE	Mg/l	1- 4.85	200	400	Turbidimetric Method (APHA, 23 rd Ed. - 4500- SO ₄)

Note :- The samples were tested with dilution.

Information on Test Report :

Results relates only to samples received in the Laboratory

The test report shall not be reproduced except in full without written approval of DWTL/C

#APHA - American Public Health Association

(* ON THE BASIS OF THESE PARAMETERS THE SAMPLE IS OK TO USE AS DRINKING PURPOSES)

Checked & Compared by

K. Mohapatra
16.04.21
LAB CHEMIST (TM)

Technical Manager
District Water Testing Laboratory
RWS&S Division, Cuttack

H. S. S.
Principal
KMBB Public School,
Naranpur, Baranga
Cuttack-754005, Odisha

[Signature]
16.04.21

LAB CHEMIST (QM)
District Water Testing Laboratory,
RWSS Division, Mahanadi Vihar, Cuttack
Authorised Signatory

Quality Manager
District Water Testing Laboratory
RWS&S Division, Cuttack

Saumya R. Patraik

Manager
KMBB Public School



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WATER ANALYSIS REPORT



TEST REPORT NO. - DIWTLCL-TR/10/2024-25/S-1 to S-1

ULR NO. - TC413724.000000010F

DATE OF ISSUE - 16.04.2024



Sample Particulars		Details of Sampling	
Name of the Customer -	K.M.B. & PUBLIC SCHOOL	Type of Source:-	AQUAGARD
		Date of Sampling:-	15.04.2024
		Sample receive date/ Time:-	15.04.2024(12 PM)
		Sample Registration Date:-	15.04.2024
Sample Package Condition -		Sampling Protocol:-	Samples are not collected by Sample Collector of this Laboratory
a) Quantity of Sample Received - 500ml		Sample Collected by:-	AMAYA BHUSAN MOHANTY
b) Type of Container :- pp		Sample Location:-	AT/PO-NARANPUR BARANG, CUTTACK-754005
c) Sealed / Unsealed :- Sealed			

TEST RESULT

Test started on-		15.04.2024		Test completed on-		16.04.2024	
Sl	Test Parameters	Units	Results	Requirements IS 10500 : 2012		Test Method	
				Acceptable Limit	Permissible Limit in absence of alternate source		
1	Temperature*	25.1°C		----	----	Instrumental Method	
2	pH	pH Unit	1- 7.08	6.5 to 8.5	No relaxation	Electrometric Method, (APHA 23 rd Ed 4500-H ⁺ B)	
3	Elect. Conductivity	µmho/cm	1- 270	---	---	Instrumental Method (APHA 23 rd Ed 2510 B)	
4	Turbidity	NTU	1- 0.98	1.0	5.0	Nephelometric Method (APHA 23 rd Ed. - 2130. B)	
5	Chloride	mg/l	1- 18	250	1000	Argentometric Method (APHA 23 rd Ed 4500 - Cl- B)	
6	Total Hardness (as CaCO ₃)	mg/l	1- 122	200	600	EDTA Titrimetric Method (APHA 23 rd Ed 2340 C)	
7	Total Alkalinity (as CaCO ₃)	mg/l	1- 68	200	600	Titration Method (APHA 23 rd Ed. - 2320 B)	
8	Iron	mg/l	1- 0.187	1.0	No relaxation	Phenanthroline Method (APHA 23 rd Ed 3500 - Fe B)	
9	Total Dissolved Solids* (TDS)	mg/l	1- 175	500	2000	Gravimetric Method	

Somya R. Parthaila

**Manager
KMBB Public School**

Shawel

**KMBB Public School
Naranpur, Baranga
Cuttack-754005, Odisha**