



KERALA WATER AUTHORITY

QUALITY CONTROL DISTRICT LABORATORY, THRISSUR - 680 005

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REPORT ON ANALYSIS OF WATER

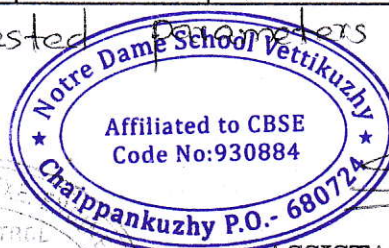
Name & Address	Notre Dame School Vettikuzhy, Chaippankuzhy Chalakkudy			Ref. No.
				164 12/20
Source of Sample	openwell			
Date of Collection	16/12/2020	Date of testing	16/12/2020 - 28/12/2020	
Receipt No. & Date	0585229			

Specification : BIS 10500:2012

Sl No.	Characteristics	Method of test, Ref to Part of IS 3025	Acceptable Limit	Permissible limit in the Absence of Alternate Source	Actual Contents
PHYSICAL PARAMETERS					
1	Turbidity, NTU, Max	Part 10	1	5	0
2	Electrical Conductivity, m mhos/cm	Part 14			98
3	pH value	Part 11	6.5-8.5	6.5-8.5	7.0
4	Total Dissolved Solids [TDS], mg/l, Max	Part 16	500	2000	53.9
CHEMICAL PARAMETERS					
5	Acidity, mg/l	Part 22			12
6	Alkalinity [Total], mg/l, Max	Part 23	200	600	44
7	Total Hardness (as CaCO ₃), mg/l, Max	Part 21	200	600	14
8	Calcium [as Ca], mg/l, Max	Part 40	75	200	0.8
9	Magnesium [as Mg], mg/l, Max	Part 46	30	100	2.9
10	Chloride [as Cl], mg/l, Max	Part 32	250	1000	14
11	Fluoride [as F], mg/l, Max	Part 60	1	1.5	0.17
12	Iron [as Fe], mg/l, Max	Part 53	1	1	0.23
13	Nitrate [as NO ₃], mg/l, Max	Part 34	45	45	20
14	Sulphate [as SO ₄], mg/l, Max	Part 24	200	400	0.29
15	Residual Chlorine, mg/l, Min	Part 26	0.1	0.3	T
16	Manganese [as Mn] mg/l, Max	Part 59	0.1	0.3	
17	Dissolved Oxygen, mg/l, Max				
18	Biochemical Oxygen Demand (BOD), mg/l				
19	Chemical Oxygen Demand (COD), mg/l				
20	Phosphate [as PO ₄], mg/l, Max				
21	Others				
BACTERIOLOGICAL ANALYSIS					
1	Coliforms, No. of Coliforms/100ml		Shall not be detectable in any 100 ml sample		NIL
2	E.Coli, No. of E. Coli/100ml				NIL

REMARKS:- All the tested parameters are within acceptable limit.

MANAGER
NOTRE DAME SCHOOL
VETTIKUZHY
CHAIPPANKUZHY (P.O.), CHALAKUDY
THRISSUR (DT), KERALA



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PRINCIPAL
NOTRE DAME SCHOOL
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THRISSUR, KERALA

ASSISTANT ENGINEER

ASSISTANT ENGINEER
QUALITY CONTROL SUB DIVISION
KERALA WATER AUTHORITY