

GICEA TEST REPORT

C. C. PATEL ENVIRONMENT TESTING LABORATORY

TEST REPORT ID NO.: 272/PWR/22-23

REPORT DATE: 08/08/2022

- 1) NAME & ADDRESS OF THE CUSTOMER : AQUALEO ELECTRICALS, AHMEDABAD.
2) SAMPLE TYPE & TESTING REQUIRED : CHEMICAL AND MICROBIOLOGICAL TESTING OF WATER
SAMPLE OF ZYDUS SCHOOL FOR EXCELLENCE, BOPAL, AHMEDABAD
3) SAMPLE COLLECTED & SUPPLIED BY : CUSTOMER
4) DATE OF SAMPLE RECEIVED : 03/08/2022
5) DATE OF SAMPLE TESTING : 03/08/2022
6) SAMPLE CONDITION ON RECEIPT : SATISFACTORY IN SEALED & STERILISED BOTTLE
7) CUSTOMER REFERENCE NO. IF ANY : -

SR. NO.	PARAMETER ANALYSED	ANALYSIS VALUE	UNITS	PERMISSIBLE LIMIT IN ABSENCE OF ALTERNATE SOURCE AS PER IS - 10500, 2012	REFERENCE TEST METHOD NO. USED
1	PH@25.0°C	7.46	-	6.5 - 8.5	APHA 22 ND ED. 2012 - 4500 H ⁺ B
2	TASTE	AGREEABLE	-	AGREEABLE	APHA 22 ND ED. 2012 - 2160-C
3	COLOUR	BDL	HAZEN UNITS	15.00	APHA 22 ND ED. 2012 - 2120 B
4	ODOUR	AGREEABLE	-	AGREEABLE	APHA 22 ND ED. 2012 - 2150 B
5	TURBIDITY	BDL	NTU	5.00	APHA 22 ND ED. 2012 - 2130-B
6	TOTAL DISSOLVED SOLIDS	105.00	mg/l	2000.00	APHA 22 ND ED. 2012 - 2540-C
7	TOTAL HARDNESS	20.00	mg/l as CaCO ₃	600.00	APHA 22 ND ED. 2012 - 2340-C
8	CHLORIDES	57.00	mg/l	1000.00	APHA 22 ND ED. 2012 - 4500-Cl ⁻ -B
9	SULPHATES	BDL	mg/l	400.00	APHA 22 ND ED. 2012 - 4500-SO ₄ ⁻² -E
10	FLOURIDES	BDL	mg/l	1.50	APHA 22 ND ED. 2012 - 4500-F ⁻ -D
11	PHENOLPHTHALEIN ALKALINITY	BDL	mg/l as CaCO ₃	NS	APHA 22 ND ED. 2012 - 2320-B
12	TOTAL ALKALINITY	46.00	mg/l as CaCO ₃	600.00	APHA 22 ND ED. 2012 - 2320-B
13	CALCIUM	BDL	mg/l	200.00	APHA 22 ND ED. 2012 - 3500-D
14	MAGNESIUM	4.90	mg/l	100.00	APHA 22 ND ED. 2012 - 3500-E
15	NITRATES	BDL	mg/l	100.00	APHA 22 ND ED. 2012-4500-NO ₃ -B
16	PHENOLIC COMPOUNDS	BDL	mg/l	0.001	APHA 22 ND ED. 2012-5530-D
17	IRON	BDL	mg/l	0.30	APHA 22 ND ED. 2012-3500- Fe-D
18	RESIDUAL FREE CHLORINE	BDL	mg/l	1.00	APHA 22 ND ED. 2012-4500-Cl ₂ -D
19	MINERAL OIL	BDL	mg/l	0.50	APHA 22 ND ED. 2012 - 5520- B
20	AMMONIACAL NITROGEN	BDL	mg/l	0.50	APHA 22 ND ED. 2012 - 4500-NH ₃ - C
21	SULFIDES	BDL	mg/l	0.05	APHA 22 ND ED. 2012 - 4500-S ⁻² -D

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22	MPN INDEX/100ML	<2	-	<2	APHA 22 ND ED. 2012 - 9221-B,C,D
23	E - COLIFORM ORGANISMS	ABSENT	-	ABSENT	APHA 22 ND ED. 2012 - 9221-B,C,D
24	TOTAL COLIFORM ORGANISMS	ABSENT	-	ABSENT	APHA 22 ND ED. 2012 - 9221-B,C,D

BDL – BELOW DETECTABLE LIMIT, NS – NOT SPECIFIED

Disclaimer:

TEST REPORT APPROVED BY:  F. T. KANPURWALA
DESIGNATION: ENV. LAB INCHARGE

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ESTD. : 1947