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THE GUJARAT INSTITUTE OF™
CIVIL ENGINEERS &
ARCHITECTS

GICEA TEST REPORT

C. C. PATEL ENVIRONMENT TESTING LABORATORY

TEST REPORT ID NO.: 137/PWR/23-24

REPORT DATE: 09/06/2023

- 1) NAME & ADDRESS OF THE CUSTOMER : ADANI VIDHYA MANDIR, AHMEDABAD.
2) SAMPLE TYPE & TESTING REQUIRED : CHEMICAL AND MICROBIOLOGICAL TESTING OF R.O. WATER SAMPLE
3) SAMPLE COLLECTED & SUPPLIED BY : CUSTOMER
4) DATE OF SAMPLE RECEIVED : 06/06/2023
5) DATE OF SAMPLE TESTING : 06/06/2023
6) SAMPLE CONDITION ON RECEIPT : SATISFACTORY IN SEALED AND 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	6.55	-	6.5 - 8.5	APHA 22 ND ED. 2012 - 4500 H* B
2	CONDUCTIVITY@25°C	426.00	µS/CM	NS	APHA 22 ND ED. 2012 - 2510 B
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	4.50	NTU	5.00	APHA 22 ND ED. 2012 - 2130-B
6	TOTAL DISSOLVED SOLIDS	227.00	mg/l	2000.00	APHA 22 ND ED. 2012 - 2540-C
7	TOTAL HARDNESS	44.00	mg/las CaCO ₃	600.00	APHA 22 ND ED. 2012 - 2340-C
8	CHLORIDES	114.00	mg/l	1000.00	APHA 22 ND ED. 2012 - 4500-Cl-B
9	SULPHATES	10.00	mg/l	400.00	APHA 22 ND ED. 2012 - 4500-SO ₄ ⁻² -E
10	FLOURIDES	0.20	mg/l	1.50	APHA 22 ND ED. 2012 - 4500-F-D
11	PHENOLPHTHALEIN ALKALINITY	BDL	mg/las CaCO ₃	NS	APHA 22 ND ED. 2012 - 2320-B
12	TOTAL ALKALINITY	98.00	mg/las CaCO ₃	600.00	APHA 22 ND ED. 2012 - 2320-B
13	ACIDITY	30.00	mg/las CaCO ₃	NS	APHA 22 ND ED. 2012 - 2310-B
14	MPN INDEX/100ML	<2	-	<2	APHA 22 ND ED. 2012 - 9221-B,C,D
15	COLIFORM ORGANISMS	ABSENT	-	ABSENT	APHA 22 ND ED. 2012 - 9221-B,C,D

BDL - BELOW DETECTABLE LIMIT, NS - NOT SPECIFIED

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

Disclaimer:

- a) The Results produced above relates to the sample tested only.
b) Test Report shall not be reproduced except in full, without written permission of the management of the institute.

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REPORT DATE: 09/06/2023

- 1) NAME & ADDRESS OF THE CUSTOMER : ADANI VIDHYA MANDIR, AHMEDABAD.
2) SAMPLE TYPE & TESTING REQUIRED : CHEMICAL AND MICROBIOLOGICAL TESTING OF BORE WATER SAMPLE
3) SAMPLE COLLECTED & SUPPLIED BY : CUSTOMER
4) DATE OF SAMPLE RECEIVED : 06/06/2023
5) DATE OF SAMPLE TESTING : 06/06/2023
6) SAMPLE CONDITION ON RECEIPT : SATISFACTORY IN SEALED AND 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	7.15	-	6.5 - 8.5	APHA 22 ND ED. 2012 - 4500 H* B
2	CONDUCTIVITY@25°C	2130.00	µS/CM	NS	APHA 22 ND ED. 2012 - 2510 B
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	4.86	NTU	5.00	APHA 22 ND ED. 2012 - 2130-B
6	TOTAL DISSOLVED SOLIDS	1285.00	mg/l	2000.00	APHA 22 ND ED. 2012 - 2540-C
7	TOTAL HARDNESS	260.00	mg/las CaCO ₃	600.00	APHA 22 ND ED. 2012 - 2340-C
8	CHLORIDES	582.00	mg/l	1000.00	APHA 22 ND ED. 2012 - 4500-Cl-B
9	SULPHATES	138.00	mg/l	400.00	APHA 22 ND ED. 2012 - 4500-SO ₄ ⁻² -E
10	FLOURIDES	0.60	mg/l	1.50	APHA 22 ND ED. 2012 - 4500-F-D
11	PHENOLPHTHALEIN ALKALINITY	BDL	mg/las CaCO ₃	NS	APHA 22 ND ED. 2012 - 2320-B
12	TOTAL ALKALINITY	508.00	mg/las CaCO ₃	600.00	APHA 22 ND ED. 2012 - 2320-B
13	ACIDITY	36.00	mg/las CaCO ₃	NS	APHA 22 ND ED. 2012 - 2310-B
14	MPN INDEX/100ML	<2	-	<2	APHA 22 ND ED. 2012 - 9221-B,C,D
15	COLIFORM ORGANISMS	ABSENT	-	ABSENT	APHA 22 ND ED. 2012 - 9221-B,C,D

BDL - BELOW DETECTABLE LIMIT, NS - NOT SPECIFIED

TEST REPORT APPROVED BY: F. T. KANPURWALA
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