



**ARMY COLLEGE OF DENTAL SCIENCES**

**Key Indicator 7.1**

**Institutional Values and Social  
Responsibilities**

**Environmental Consciousness and  
Sustainability**

**7.1.4 (QIM) Describe the facilities in the  
Institution for the management of the  
degradable and non-degradable waste**



## **ARMY COLLEGE OF DENTAL SCIENCES**

Chennapur –CRPF Road , Jai Jawaharnagar Post, Secunderabad – 500 087, Telangana  
Ph: +914029708384, 9347411942

Website: [www.acds.co.in](http://www.acds.co.in) Email : [army\\_c@rediffmail.com](mailto:army_c@rediffmail.com)

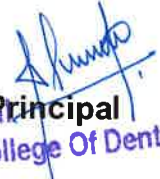
NAAC Accredited 'A' & Certified ISO 9001 : 2015 & ISO 14001 : 2015

### **7.1.4 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste**

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

S. No.	Index
1	MOU – Biomedical Waste Management
2	Quality certificate for drinking water



  
Principal  
Army College Of Dental Sciences

# **MOU- Biomedical Waste Management**

भारतीय गैर न्यायिक

बीस रुपये

रु.20



Rs.20

TWENTY RUPEES

INDIA NON JUDICIAL

తెలంగాణ తెలంగాణ TELANGANA

Sabiha 24AA 400060

Sl. No: 2060 Date: 10/10/2020

Sold to: Col. R. Ashok Venkata Ramani (Retd)

S/o. D/o. W/o. R. V. Ramesh Devan

For whom: ACDS

Smt. SABIHA BEGUM

LICENSED STAMP VENDOR

Lic.No.15-23-014/2013

Ren.No.15-23-021/2019

H.No.13-5-139/2, V. Rama Rao Nagar,

Mothi Nagar, Borabanda,

Balanagar (M), Medchal Malkajgiri District

Cell:9052777508



AGREEMENT

This agreement is made and executed on this the 01<sup>st</sup> Oct 2020 at Hyderabad.

By and between

**G.J MULTICLAVE (INDIA) PVT LIMITED**, a company incorporated under the provisions of the Companies Act, 1956 having its office bearing D. No. 7-1-47/1/A, Dharam Karan Road, Ameerpet, Hyderabad 500 016, represented by its **Branch Manager, Mr. R.J.Shybin**, herein after referred to as **First Party**, which expression shall include all its Administrators, Managers, Agents, Successors, Executors and Assignees etc.

AND

**ARMY COLLEGE OF DENTAL SCIENCES** a company registered under the provisions under Companies Act, 1956 having its Registered Office at ACDS Nagar (Chennapur – CRPF Road) Jai Jawahar Nagar Post, Secunderabad – 500 087. Represented by its Principal, **Dr. K V Ramana Reddy** herein after referred to as **Second party**, which expression shall include all its Administrators, managers, Agents, Successors, Executors & Assignees etc.

C.V.N. RAMA KRISHNA  
M.Com., LLB  
ADVOCATE & NOTARY  
12-11-21, Vistara Towers,  
SECUNDERABAD-500 061  
Phone No:9346672478

*[Signature]*



*[Signature]*  
Principal  
Army College Of Dental Sciences



Whereas the First Party is a Limited Company dealing with collection, Transportation, Treatment and safe disposal of Bio-Medical waste [categories of Bio Medical as per Schedule I (Rules 5) and Second Party is a Health Care Establishment.

The Second Party has agreed to register with the First party for disposal of Bio-Medical waste on the following terms and conditions:

**NOW THE AGREEMENT WITNESSETH AS FOLLOWS**

I. **PERIOD/DURATION:** The period of agreement will be for a minimum period of 24 months from 01<sup>st</sup> Oct 2020 to 30<sup>th</sup> Sep 2022 and may be extended for a period on mutually agreed terms and conditions.

II. **RESPONSIBILITY OF THE SECOND PARTY**

1. The Second Party shall take necessary steps to ensure that the waste handled in their premises without adverse effects to human health and environment.
2. The Second Party shall segregate the waste at the point of generation in accordance with schedule I (CPCB) and in compliance with standards prescribed.
3. The Second Party shall establish common secured waste collection point within the premises for collection and lifting of Bio-Medical Waste by the first party (Common Waste Treatment Facility).

III. **SERVICES TO BE PROVIDED BY THE FIRST PARTY (COMMON WASTE TREATMENT FACILITY)**

1. The First Party shall collect the segregated Bio-Medical Waste / Discarded medicine from the identified common waste collection point in accordance with the norms of Telangana State Pollution Control Board.
2. The First Party shall transport the segregated Bio-Medical Waste in a closed container vehicle to the treatment plant Telangana State Pollution Control Board and in compliance with all standards as specified by the Pollution Control Board.
3. The First Party shall be responsible for appropriate treatment and disinfections and shredding of disinfected waste at the centralized facility as per schedule I of the BMW Rules 2016.
4. The First Party shall also undertake testing of treated waste to ensure safety to the environment.
5. The liquid waste and effluent generated during the course of treatment shall be treated in an effluent treatment plant by the first party.
6. The First Party shall be responsible for the disposal of treated waste in the secure landfill or any recycling plant in accordance to the TSPCB norms.
7. The First Party shall give appropriate training to the Second Party personnel for bio medical waste management handling at their premises.
8. The First Party shall issue the services certificate of registration and the same should be displayed in the second party's office premises for identification.
9. The First Party will obtain all the valid approvals/documents from Telangana State Pollution Control Board, Telangana State for safe disposal of biomedical waste and give the copies of such documents to the second party for their record from time to time.



Principal  
Army College of Dental Sciences

#### IV. MODE OF PAYMENT

1. The Second party shall pay an amount of Rs 6,500/- per month towards service charges which includes collection, transportation, treatment and safe disposal of Bio Medical Waste.
2. The price is fixed at Rs 6,500/- per month. However, the price would be revised depending upon the price index, inflation of the rates, whatsoever it may be on mutually agreed by both the parties.

#### V. PERFORMANCE GUARANTEE

1. The First Party shall meet the rules and regulations stipulated by the Telanagana State Pollution Control Board. The Second Party should not be liable for improper waste treatment, transportation, disposal and management at the common waste facility.
2. The Second party shall have a right to visit and inspect the First Party's premises for verification of facts and check for proper treatment and disposal of waste is done.
3. The First Party shall indemnify the Second Party in the case of any irregularities/penalties imposed in case of transportation, treatment and disposal of waste and any other services rendered with regard to this agreement and pay the compensation for the damage caused to health or property of any person due to such failure.
4. The Second party shall have the right to change the Common Waste Treatment Facility Operator in case their services are found to be unsatisfactory.
5. The First Party will provide acknowledgement to by the second party mentioning no. of bags or cases received for incineration/disposal. The same has to be also to be acknowledged by the second party.
6. The First party will give the Service certificates or necessary documents required for the second part's records.

#### VI. OTHER TERMS AND CONDITIONS:

1. Any of the terms and conditions of this Agreement may be modified, altered, deleted or new terms added upon the mutual written consent of both the parties.
2. Neither Party shall assign or attempt to assign any of the Party's rights, interests or obligations under this Agreement without the prior written consent of the other party.
3. That this agreement is terminable by either to this agreement by giving notice of Two months of the other party in this regard.

VII. Any dispute between the Parties arising out of the matters mentioned above in this Agreement and other matters incidental to this Agreement, shall be resolved as per the provisions of the Arbitration and Conciliation Act, 1996 and statutory modifications thereto. The arbitration proceedings shall be conducted in the English language and the venue of arbitration shall be in Hyderabad. The proceedings will be conducted by a single Arbitrator, who shall be appointed with mutual consent of both Parties.

VIII. Both the parties expressly agree that only the Competent Courts of jurisdiction in all matter arising out of this agreement.

This Agreement is executed in two counterparts. Each party shall be entitled to retain one copy and both shall be treated as an original.

For and on behalf of the First Party

For and on behalf of the Second Party

G J Multiclave (India) Pvt. Ltd

Army College of Dental Sciences

R.J. Shybin

Principal  
Army College of Dental Sciences  
Dr. V. Ramana Reddy







# GJ Multiclave (India) Pvt. Ltd.

(Bio Medical Waste Management & Handling Services)

7-1-47/1/A, D.K. Road, Ameerpet, Hyderabad - 500 016.

Ph : 040-23756925, 65556926 e-mail : service@gjmulticlave.com

Website : www.gjmulticlave.com

Date: 20-06-2022

To,

M/s Army College of Dental Sciences

Jai Jawar Nagar Post,

Secunderabad - 500 087.

Dear Sir / Madam,

**SUB: Bio Medical Waste Management  
"Service Certificate" - Reg.**

In continuation of our service by collection, Transportation, Treatment & Safe Disposal of Bio Medical Waste in your Esteemed Institution, as advised by TS Pollution Control Board Authorities, we send here with our "Service Certificate" to you.

The validity of the same will be until 30/06/2023.

Kindly Acknowledge the receipt of the same.

Thanking you & assuring you of our best Services always.

Yours sincerely,

For GJ Multiclave (India) Pvt. Ltd.

Authorised Signatory



Principal  
Army College Of Dental Sciences



# GJ Multiclave (India) Pvt. Ltd.

7-1-47/1/A, D.K. Road, Ameerpet, Hyderabad - 500 016.

Ph : 23756925, 23756926. E-mail : service@gjmulticlave.com

Web Site : www.gjmulticlave.com

## Service Certificate


This is to certify that M/s. ARMY COLLEGE OF DENTAL SCIENCES, JAI JAWAR NAGAR, POST- SEC-BM, 87.

Hospital / Nursing Home / Diagnostic is a member of **GJ Multiclave (India) Pvt. Ltd.**

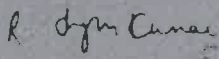
bearing Registration No. GJ/ B / 212 GJ Multiclave is providing bio-medical waste management service to the institution from 01<sup>st</sup> July 2022 for a total

bed-strength of - Nil - Beds


This certificate is valid upto 30<sup>th</sup> JUNE 2023

  
DIRECTOR



  
MANAGING DIRECTOR



  
Principal  
Army College Of Dental Sciences



**Quality certificate for  
drinking water**



# VISON LABS

Environmental Consultants & Analytical Services

Accredited by NABL vide certificate number TC-5064  
MoEF & CC, NABET-QCI, ISO 9001 : 2015 & OHSAS 45001 : 2018

## TEST REPORT

Issued to: <b>M/s. The Register.</b> <b>Army College of Dental Science.</b> Chennapur-CRPF Road, ACDS Nagar, PO-Jai Jawahar Nagar, Secunderabad, Telangana 500087.		Issued Date	11.05.2022
		Our Ref No	TC506422000007378F
		Your Ref No	Verbal
		Your Ref Date	05.05.2022
Sample description and Location given by Customer	<b>Municipal Water</b>	Mode of Packing	Pet bottle
Appearance of the Sample	Clear Liquid	Sample condition of testing	Found Ok
Sample Collection Date	05.05.2022	Sample Quantity	1 ltr
Sample Registration Time	02:30 pm	Date of Analysis	05.05.2022
Sample Registration Date	05.05.2022	Analysis Completion date	11.05.2022
Sample Collected by Customer		Sample tested as Received Basis	

## TEST RESULTS

S. No	Parameters	Units of Measurement	Test Method	Test Results	Drinking Water Limits As per IS: 10500; 2012	
					Desirable Limits	Permissible limits in absence of alternative Source

### PHYSICAL EXAMINATION

1.	pH at 25°C	--	IS:3025 part 11 1983	7.90	6.50 – 8.50	No relaxation
2.	Conductivity at 25°C	µmhos/cm	IS: 3025 Part 14 1984.RA-2013	511	--	--
3.	Total Dissolved Solids	mg/L	IS: 3025 Part 16 1984. RA-2006	352	500 max	2000 max
4.	Turbidity	NTU	IS: 3025 Part 10 1984. RA-2002	<1.0	1 max	5 max
5.	Color	Hazen	IS: 3025 Part 4 1983. RA-2006	<01	5 max	15 max

### CHEMICAL EXAMINATION

6.	Total Hardness as CaCO <sub>3</sub>	mg/L	IS: 3025 Part 21 2009	180	200 max	600 max
7.	Alkalinity – Phenolphthalein	mg/L	IS: 3025 Part 22 1986. RA-2009	Nil	---	---
8.	Alkalinity – Methyl Orange	mg/L	IS: 3025 Part 23 1986. RA-2009	110	200 max	600 max
9.	Calcium as Ca	mg/L	IS: 3025 Part 40 1991. RA-2009	40	75 max	200 max
10.	Magnesium as Mg	mg/L	IS: 3025 Part 46 1994. RA-2003	19.2	30 max	100 max
11.	Non - Carbonate Hardness	mg/L	IS: 3025 Part 51 2002	70	---	---
12.	Chloride as Cl	mg/L	IS: 3025 Part 32 1988. RA-2009	50.0	250 max	1000 max
13.	Sodium as Na	mg/L	IS: 3025 Part 45 1993. RA-2009	30.1	---	---
14.	Potassium as K	mg/L	IS: 3025 Part 45 1993. RA-2009	3.1	---	---
15.	Sulphate as SO <sub>4</sub>	mg/L	IS: 3025 Part 24 1986.RA-2003	55.2	200 max	400 max
16.	Nitrate as NO <sub>3</sub>	mg/L	IS: 3025 Part 34 1988. RA-2003	10.4	45 max	No relaxation
17.	Silica as SiO <sub>2</sub>	mg/L	IS: 3025 Part 35 1988. RA-2003	6.8	--	--
18.	Iron as Fe	mg/L	IS: 3025 Part 53 2003. RA-2003	0.20	0.3 max	No relaxation
19.	Fluoride as F	mg/L	APHA 4500 F D 23 <sup>rd</sup> Edition	0.48	1.0 max	1.5 max

### Microbiological Analysis

1.	Total Plate Count	CFU/mL	IS:5402-2012	70	--
2.	Coli form Bacteria	CFU/100mL	IS: 15185 : 2002	Not Detected	Must Not be Detected
3.	E. Coli	CFU/100mL	IS: 15185 : 2002	Not Detected	Must Not be Detected

Sr. Chemist	Sr. Microbiologist	Authorized Signatory

VL/QM/7.8/TR

Page 1 of



# VISON LABS

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## TEST REPORT

<b>Issued to:</b> <b>M/s. The Register.</b> <b>Army College of Dental Science.</b> Chennapur-CRPF Road, ACDS Nagar, PO-Jai Jawahar Nagar, Secunderabad, Telangana 500087.		Issued Date	11.05.2022
		Our Ref No	TC506422000007379F
		Your Ref No	Verbal
		Your Ref Date	05.05.2022
Sample description and Location given by Customer	Bore Well Water	Mode of Packing	Pet bottle
Appearance of the Sample	Clear Liquid	Sample condition of testing	Found Ok
Sample Collection Date	05.05.2022	Sample Quantity	1 ltr
Sample Registration Time	02:30 pm	Date of Analysis	05.05.2022
Sample Registration Date	05.05.2022	Analysis Completion date	11.05.2022
Sample Collected by Customer		Sample tested as Received Basis	

## TEST RESULTS

S. No	Parameters	Units of Measurement	Test Method	Test Results	Drinking Water Limits As per IS: 10500; 2012	
					Desirable Limits	Permissible limits in absence of alternative Source
<b>PHYSICAL EXAMINATION</b>						
1.	pH at 25°C	--	IS:3025 part 11 1983	7.53	6.50 – 8.50	No relaxation
2.	Conductivity at 25°C	µmhos/cm	IS: 3025 Part 14 1984, RA-2013	728	--	--
3.	Total Dissolved Solids	mg/L	IS: 3025 Part 16 1984, RA-2006	502	500 max	2000 max
4.	Turbidity	NTU	IS: 3025 Part 10 1984, RA-2002	1.86	1 max	5 max
5.	Color	Hazen	IS: 3025 Part 4 1983, RA-2006	<01	5 max	15 max
<b>CHEMICAL EXAMINATION</b>						
6.	Total Hardness as CaCO <sub>3</sub>	mg/L	IS: 3025 Part 21 2009	180	200 max	600 max
7.	Alkalinity – Phenolphthalein	mg/L	IS: 3025 Part 22 1986, RA-2009	Nil	---	---
8.	Alkalinity – Methyl Orange	mg/L	IS: 3025 Part 23 1986, RA-2009	210	200 max	600 max
9.	Calcium as Ca	mg/L	IS: 3025 Part 40 1991, RA-2009	36	75 max	200 max
10.	Magnesium as Mg	mg/L	IS: 3025 Part 46 1994, RA-2003	21.6	30 max	100 max
11.	Non – Carbonate Hardness	mg/L	IS: 3025 Part 51 2002	Nil	---	---
12.	Chloride as Cl	mg/L	IS: 3025 Part 32 1988, RA-2009	50.0	250 max	1000 max
13.	Sodium as Na	mg/L	IS: 3025 Part 45 1993, RA-2009	79.6	---	---
14.	Potassium as K	mg/L	IS: 3025 Part 45 1993, RA-2009	3.5	---	---
15.	Sulphate as SO <sub>4</sub>	mg/L	IS: 3025 Part 24 1986, RA-2003	61.0	200 max	400 max
16.	Nitrate as NO <sub>3</sub>	mg/L	IS: 3025 Part 34 1988, RA-2003	11.9	45 max	No relaxation
17.	Silica as SiO <sub>2</sub>	mg/L	IS: 3025 Part 35 1988, RA-2003	7.4	--	--
18.	Iron as Fe	mg/L	IS: 3025 Part 53 2003, RA-2003	0.18	0.3 max	No relaxation
19.	Fluoride as F	mg/L	APHA 4500 F D 23 <sup>rd</sup> Edition	0.44	1.0 max	1.5 max

## Microbiological Analysis

1.	Total Plate Count	CFU/mL	IS:5402-2012	36	--
2.	Coli form Bacteria	CFU/100mL	IS: 15185 : 2002	Not Detected	Must Not be Detected
3.	E. Coli	CFU/100mL	IS: 15185 : 2002	Not Detected	Must Not be Detected

Page 1 of 1

Sr. Chemist VL/QM/7.8/TR	Sr. Microbiologist	Authorized Signatory Hyderabad





## TEST REPORT

Issued to: <b>M/s. The Register.</b> <b>Army College of Dental Science.</b> Chennapur-CRPF Road, ACDS Nagar, PO-Jai Jawahar Nagar, Secunderabad, Telangana 500087.		Issued Date	11.05.2022
		Our Ref No	TC506422000007380F
		Your Ref No	Verbal
		Your Ref Date	05.05.2022
Sample description and Location given by Customer	Girls Hostel R.O. Water	Mode of Packing	Pet bottle
Appearance of the Sample	Clear Liquid	Sample condition of testing	Found Ok
Sample Collection Date	05.05.2022	Sample Quantity	1 ltr
Sample Registration Time	02:30 pm	Date of Analysis	05.05.2022
Sample Registration Date	05.05.2022	Analysis Completion date	11.05.2022
Sample Collected by Customer		Sample tested as Received Basis	

## TEST RESULTS

S. No	Parameters	Units of Measurement	Test Method	Test Results	Drinking Water Limits As per IS: 10500; 2012	
					Desirable Limits	Permissible limits in absence of alternative Source

### PHYSICAL EXAMINATION

1.	pH at 25°C	--	IS:3025 part 11 1983	7.78	6.50 – 8.50	No relaxation
2.	Conductivity at 25°C	µmhos/cm	IS: 3025 Part 14 1984.RA-2013	608	--	--
3.	Total Dissolved Solids	mg/L	IS: 3025 Part 16 1984. RA-2006	420	500 max	2000 max
4.	Turbidity	NTU	IS: 3025 Part 10 1984. RA-2002	1.42	1 max	5 max
5.	Color	Hazen	IS: 3025 Part 4 1983. RA-2006	<01	5 max	15 max

### CHEMICAL EXAMINATION

6.	Total Hardness as CaCO <sub>3</sub>	mg/L	IS: 3025 Part 21 2009	220	200 max	600 max
7.	Alkalinity – Phenolphthalein	mg/L	IS: 3025 Part 22 1986. RA-2009	Nil	---	---
8.	Alkalinity – Methyl Orange	mg/L	IS: 3025 Part 23 1986. RA-2009	180	200 max	600 max
9.	Calcium as Ca	mg/L	IS: 3025 Part 40 1991. RA-2009	60	75 max	200 max
10.	Magnesium as Mg	mg/L	IS: 3025 Part 46 1994. RA-2003	16.8	30 max	100 max
11.	Non – Carbonate Hardness	mg/L	IS: 3025 Part 51 2002	40	---	---
12.	Chloride as Cl	mg/L	IS: 3025 Part 32 1988. RA-2009	55.0	250 max	1000 max
13.	Sodium as Na	mg/L	IS: 3025 Part 45 1993. RA-2009	33.1	---	---
14.	Potassium as K	mg/L	IS: 3025 Part 45 1993. RA-2009	4.0	---	---
15.	Sulphate as SO <sub>4</sub>	mg/L	IS: 3025 Part 24 1986.RA-2003	32.6	200 max	400 max
16.	Nitrate as NO <sub>3</sub>	mg/L	IS: 3025 Part 34 1988. RA-2003	7.2	45 max	No relaxation
17.	Silica as SiO <sub>2</sub>	mg/L	IS: 3025 Part 35 1988. RA-2003	5.4	--	--
18.	Iron as Fe	mg/L	IS: 3025 Part 53 2003. RA-2003	0.17	0.3 max	No relaxation
19.	Fluoride as F	mg/L	APHA 4500 F D 23 <sup>rd</sup> Edition	0.54	1.0 max	1.5 max

### Microbiological Analysis

1.	Total Plate Count	CFU/mL	IS:5402-2012	40	--
2.	Coli form Bacteria	CFU/100mL	IS: 15185 : 2002	Not Detected	Must Not be Detected
3.	E. Coli	CFU/100mL	IS: 15185 : 2002	Not Detected	Must Not be Detected

Sr. Chemist VL/QM/7: 8/TR	Sr. Microbiologist	Determining Authorized Signatory Hyderabad



# VISON LABS

Environmental Consultants & Analytical Services

Accredited by NABL vide certificate number TC-5064  
MoEF & CC, NABET-QCI, ISO 9001 : 2015 & OHSAS 45001 : 2018

## TEST REPORT

Issued to: <b>M/s. The Register.</b> <b>Army College of Dental Science.</b> Chennapur-CRPF Road, ACDS Nagar, PO-Jai Jawahar Nagar, Secunderabad, Telangana 500087.		Issued Date	11.05.2022
		Our Ref No	TC506422000007381F
		Your Ref No	Verbal
		Your Ref Date	05.05.2022
Sample description and Location given by Customer	<b>R.O. Water Near Generation Room</b>	Mode of Packing	Pet bottle
Appearance of the Sample	Clear Liquid	Sample condition of testing	Found Ok
Sample Collection Date	05.05.2022	Sample Quantity	1 ltr
Sample Registration Time	02:30 pm	Date of Analysis	05.05.2022
Sample Registration Date	05.05.2022	Analysis Completion date	11.05.2022
Sample Collected by Customer		Sample tested as Received Basis	

## TEST RESULTS

S. No	Parameters	Units of Measurement	Test Method	Test Results	Drinking Water Limits As per IS: 10500; 2012	
					Desirable Limits	Permissible limits in absence of alternative Source
<b>PHYSICAL EXAMINATION</b>						
1.	pH at 25°C	--	IS:3025 part 11 1983	8.42	6.50 – 8.50	No relaxation
2.	Conductivity at 25°C	µmhos/cm	IS: 3025 Part 14 1984, RA-2013	33	--	--
3.	Total Dissolved Solids	mg/L	IS: 3025 Part 16 1984, RA-2006	22	500 max	2000 max
4.	Turbidity	NTU	IS: 3025 Part 10 1984, RA-2002	<1.0	1 max	5 max
5.	Color	Hazen	IS: 3025 Part 4 1983, RA-2006	<01	5 max	15 max
<b>CHEMICAL EXAMINATION</b>						
6.	Total Hardness as CaCO <sub>3</sub>	mg/L	IS: 3025 Part 21 2009	05	200 max	600 max
7.	Alkalinity – Phenolphthalein	mg/L	IS: 3025 Part 22 1986, RA-2009	Nil	---	---
8.	Alkalinity – Methyl Orange	mg/L	IS: 3025 Part 23 1986, RA-2009	05	200 max	600 max
9.	Calcium as Ca	mg/L	IS: 3025 Part 40 1991, RA-2009	1.2	75 max	200 max
10.	Magnesium as Mg	mg/L	IS: 3025 Part 46 1994, RA-2003	0.48	30 max	100 max
11.	Non – Carbonate Hardness	mg/L	IS: 3025 Part 51 2002	Nil	---	---
12.	Chloride as Cl	mg/L	IS: 3025 Part 32 1988, RA-2009	5.0	250 max	1000 max
13.	Sodium as Na	mg/L	IS: 3025 Part 45 1993, RA-2009	3.9	---	---
14.	Potassium as K	mg/L	IS: 3025 Part 45 1993, RA-2009	0.4	---	---
15.	Sulphate as SO <sub>4</sub>	mg/L	IS: 3025 Part 24 1986, RA-2003	2.4	200 max	400 max
16.	Nitrate as NO <sub>3</sub>	mg/L	IS: 3025 Part 34 1988, RA-2003	0.6	45 max	No relaxation
17.	Silica as SiO <sub>2</sub>	mg/L	IS: 3025 Part 35 1988, RA-2003	<0.02	--	--
18.	Iron as Fe	mg/L	IS: 3025 Part 53 2003, RA-2003	<0.04	0.3 max	No relaxation
19.	Fluoride as F	mg/L	APHA 4500 F D 23 <sup>rd</sup> Edition	<0.10	1.0 max	1.5 max

## Microbiological Analysis

1.	Total Plate Count	CFU/mL	IS:5402-2012	<01	--
2.	Coli form Bacteria	CFU/100mL	IS: 15185 : 2002	Not Detected	Must Not be Detected
3.	E. Coli	CFU/100mL	IS: 15185 : 2002	Not Detected	Must Not be Detected

Page 1 of 1

*[Signature]*

Sr. Chemist

VL/QM/7.8/TR

