



**GEO-CHEM LABORATORIES PVT.LTD.**  
 Pragati, Adjacent to Crompton Greaves,  
 Kanjur Marg (E), Mumbai 400042.  
 Tel : +91 22 61915100 Fax : +91 22 61915101  
 Email : laboratory@geochem.net.in

International  
 Independent Inspection  
 &  
 Testing Company

**TEST CERTIFICATE**

Analysis No. : 1811K08296  
 Date : 30/11/2018

**Party's Name & Address** : Water Maker (India) Pvt. Ltd  
 Elphinstone Building, 1st Floor, 10 Veer Nariman Road,  
 Fort, Mumbai - 400001, India.

**Ref. No. and Date** : Letter Dated: 25/10/2018

**Sample Received on** : 15/11/2018

**Date of Analysis** : 15/11/2018 - 29/11/2018

**Sample Described as** : Drinking Water

**Tested to Specification** : IS-10500-2012 With Amendment No. 1 June 2015 For Drinking Water

**Stamped / Seal by** : Sample drawn and sealed by Mr. Swapnesh Jadhav of  
 Geo-Chem Laboratories Pvt. Ltd. on 14/11/2018  
 Seal No. : Geo-Chem 196901, 196902, 196903

**ID Mark** : Place and address of sampling : Samarth Aircon Pvt. Ltd, PlotNo. 2&3,  
 Gut No-296/2, 302/2 & 301  
 Village - Kharivali, Taluka Wada 421312

**Location of Sample drawn** : Main Gate Passage Area

**Source of Water Sample** : From Water Making Machine

<u>Sr. Parameters No.</u>	<u>Method</u>	<u>Requirement (Acceptable Limit)</u>	<u>Results</u>	<u>Limit of Quantification</u>	<u>Unit of Measure</u>
<b>Table 1 Organoleptic and Physical Parameters</b>					
1. Colour (True Colour)	IS-3025-Part 4-1983	5 max.	BLQ	1.0	Hazen unit
2. Odour	IS-3025-Part 5-1983	Agreeable	Agreeable	---	---
3. pH value	IS-3025-Part 11-1983	6.5 to 8.5	7.05	1.0	---
4. Taste	IS-3025-Part 8-1984	Agreeable	Agreeable	---	---
Rating scale 'b'					
5. Turbidity	IS-3025-Part 10-1984	1.0 max.	BLQ	0.1	NTU
6. Dissolved Solids	IS-3025-Part 16-1984	500 max.	14.5	1.0	mg/l

Continue on next page

**Analysis No. 1811K08296 Dated 30/11/2018**

**Proforma No. GCKJM/QF/5.10/01**

ULR No.: TC7284180K08296M0F

Issue No. 7



Revision No.1

Page 1 of 4

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**Sr. Parameters Method Requirements Results Limit of Unit of**  
**No. (Acceptable Limit) Quantification Measure**

**Table 2 General parameters concerning substances Undesirable in Excessive Amounts**

7.	Aluminium (as Al)	APHA 3125 B (ICP-MS)	0.03 max.	BLQ	0.0025	mg/l
8.	Ammonium (total ammonia-N)	IS-3025-Part 34-1988	0.5 max.	BLQ	0.075	mg/l
9.	Anionic Detergent (as MBAS)	IS-13428 Annex K - 2005	0.2 max.	BLQ	0.1	mg/l
10.	Barium (as Ba)	IS: 3025 P-2: 2004 (ICP)	0.7 max	BLQ	0.01	mg/l
11.	Boron (as B)	IS: 3025 P-2: 2004 (ICP)	0.5 max.	BLQ	0.010	mg/l
12.	Calcium (as Ca)	IS: 3025 P-2: 2004 (ICP)	75 max.	1.03	0.1	mg/l
13.	Total Chloramines	IS-3025-Part 26-1986	4.0 max.	BLQ	1.0	mg/l
14.	Chloride (as Cl)	IS-3025-Part 32-1988	250 max.	3.35	0.1	mg/l
15.	Copper (as Cu)	APHA 3125 B (ICP-MS)	0.05 max.	BLQ	0.0025	mg/l
16.	Fluoride (as F)	APHA 4500F <sup>-</sup> D	1.0 max.	BLQ	0.1	mg/l
17.	Residual free Chlorine	IS-3025-Part 26-1986	* 0.2 min.	BLQ	0.1	mg/l
18.	Iron (as Fe)	APHA 3125 B (ICP-MS)	1.0 max.	BLQ	0.0025	mg/l
19.	Magnesium (as Mg)	IS: 3025 P-2: 2004 (ICP)	30 max.	0.42	0.1	mg/l
20.	Manganese (as Mn)	APHA 3125 B (ICP-MS)	0.1 max.	BLQ	0.0002	mg/l
21.	Mineral Oil	IS-3025-Part 39-1991	0.5 max.	BLQ	0.5	mg/l
22.	Nitrate (as NO <sub>3</sub> )	IS-3025-Part 34-1988	45 max.	BLQ	1.0	mg/l
23.	Phenolic Compounds (as C <sub>6</sub> H <sub>5</sub> OH)	IS-3025-Part 43-1992	0.001 max.	BLQ	0.0008	mg/l
24.	Selenium (as Se)	APHA 3125 B (ICP-MS)	0.01 max.	BLQ	0.0002	mg/l
25.	Silver (as Ag)	APHA 3125 B (ICP-MS)	0.1 max.	BLQ	0.0002	mg/l
26.	Sulphate (as SO <sub>4</sub> )	IS-3025-Part 24-1986	** 200 max.	BLQ	1.0	mg/l
27.	Sulphide (H <sub>2</sub> S)	(Turbidity method) IS-3025-Part 29-1986	0.05 max.	BLQ	0.025	mg/l
28.	Total Alkalinity (as CaCO <sub>3</sub> )	IS-3025-Part 23-1986	200 max.	11.65	1.0	mg/l
29.	Total Hardness (as CaCO <sub>3</sub> )	IS-3025-Part 21-2009	200 max.	5.15	1.0	mg/l
30.	Zinc (as Zn)	IS: 3025 P-2: 2004 (ICP)	5.0 max.	0.02	0.01	mg/l

**Table 3: Parameters Concerning Toxic Substances :**

31.	Cadmium (as Cd)	APHA 3125 B 23rd Ed(ICP-MS)	0.003 max.	BLQ	0.0002	mg/l
32.	Cyanide (as CN)	IS-3025-Part 27-1986	0.05 max.	BLQ	0.020	mg/l
33.	Lead (as Pb)	APHA 3125 B 23rd Ed(ICP-MS)	0.01 max.	BLQ	0.0002	mg/l
34.	Mercury (as Hg)	APHA 3125 B 23rd Ed(ICP-MS)	0.001 max.	BLQ	0.0002	mg/l
35.	Molybdenum (as Mo)	IS-3025-Part 2-2004 (ICP)	0.07 max.	BLQ	0.010	mg/l
36.	Nickel (as Ni)	APHA 3125 B (ICP-MS)	0.02 max.	BLQ	0.010	mg/l
37.	Total Arsenic (as As)	APHA 3125 B (ICP-MS)	0.01 max.	BLQ	0.0002	mg/l
38.	Total chromium (as Cr)	APHA 3125 B (ICP-MS)	0.05 max.	BLQ	0.0002	mg/l
39.	Polychlorinated biphenyl (PCB)	GCLPL/QS/CRA/5.4/11 (GCMS-MS)	0.0005	BLQ	0.0001	mg/l
40.	Polynuclear aromatic hydrocarbon (PAH)	GCLPL/QS/CRA/5.4/11 (GCMS-MS)	0.0001	BLQ	0.0001	mg/l

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Continue on next page  
Page 2 of 4  
Revision No. 1

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<b>Microbiological Parameters :</b>					
43. E. coli/MPN Index/100 ml	IS: 1622-1981	Absent	Absent (<2)	---	-
44. Coliform bacteria/ MPN Index/100 ml	IS: 1622-1981	Absent	Absent (<2)	---	---
45. Fecal coliform bacteria/ MPN Index/100 ml	IS: 1622-1981	Absent	Absent (<2)	---	---

**Remarks :** Sample conforms to IS-10500-2012 With Amendment No. 1 June 2015 for Drinking Water Specification with respect to the tests carried out.

- Note :**
1. Our analytical findings reflect the quality of the sample at the time of testing. No responsibility can be accepted for the possible consequences of further development of micro-organisms which may depend upon storage, Handling and Weather conditions which may influence the results at a later date/time.
  2. N.D. : Not Detected.
  3. \* To be applicable only when water is chlorinated. Tested at consumer end.  
When protection against viral infection is required, it should be minimum 0.5 mg/l.
  4. \*\* May be extended to 400 mg/l provided that Magnesium does not exceed 30 mg/l.

For Geo-Chem Laboratories (P) Ltd.  
Authorised Signatory

Sharmila Sonawane  
Chemical Residual Analysis (Inorganic)

Rashmi Mhaskar  
Chemical Residual Analysis (Organic)

Priti Muley  
Biological Analysis



AAK

Analysis No. 1811K08296 Dated 30/11/2018  
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Page 4 of 4

- This is not included in our scope of accreditation.

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