

Product Name : Water LC-MS  
 CAS Number : 7732-18-5  
 Molecular Formula : H<sub>2</sub>O  
 Molecular Weight : 18.01 g/mol

Date Of Manufacturing : APRIL 2023  
 Batch No. : 100423  
 Ex. Date : MARCH 2024

SR NO.	TEST	RESULT	SPECIFICATION
<b>Chemical Residues in Water</b>			
1	CAuminium (as Al), ppb	B.L.Q. (Q.L=1)	≤ 10 ppb
2	Berium (as Ba), ppb	B.L.Q. (Q.L=1)	≤ 10 ppb
3	Chromium (as Cr), ppb	B.L.Q. (Q.L=1)	≤ 10 ppb
4	Cadmium (as Cd), ppb	B.L.Q. (Q.L=1)	≤ 10 ppb
5	Cobalt (as Cu), ppb	B.L.Q. (Q.L=1)	≤ 10 ppb
6	Copper (as Co), ppb	B.L.Q. (Q.L=1)	≤ 10 ppb
7	Silver (as Ag), ppb	B.L.Q. (Q.L=1)	≤ 10 ppb
8	Zinc (as Zn), ppb	B.L.Q. (Q.L=1)	≤ 10 ppb
9	Lead (as Pb), ppb	B.L.Q. (Q.L=1)	≤ 10 ppb
10	Manganese (as Mn), ppb	B.L.Q. (Q.L=1)	≤ 10 ppb
11	Nickle (as Ni), ppb	B.L.Q. (Q.L=1)	≤ 10 ppb
12	Sodium (as Na), ppb	B.L.Q. (Q.L=1)	≤ 20 ppb
13	Calcium (as ca), ppb	B.L.Q. (Q.L=1)	≤ 20 ppb
14	Potassium (as Ka), ppb	B.L.Q. (Q.L=1)	≤ 10 ppb
15	Tin (as Sn), ppb	B.L.Q. (Q.L=1)	≤ 10 ppb
16	Magnesium (as Mg), ppb	B.L.Q. (Q.L=1)	≤ 10 ppb

Continue.....

SR NO.	TEST	RESULT	SPECIFICATION
<b>Water</b>			
17	Protease	Not Detected	-
18	Fluorescence Trace Impurities In ppb At 450 nm Emission At Emission Max Of Impurities	< 0.1 ppb  < 0.2 ppb	< 0.1 ppb  < 0.2 ppb
19	Residue after Evaporation on heating at 110 Deg C mg/l	< 1 ppm	≤ 1 ppm
20	LC-MS Gradient Suitability	Passes The Test	BY LCMSMS
21	LC-MS at Positive Mode as Reserpine	< 20 ppb	< 50 ppb
22	LC-MS at Negative Mode as Aldicarb	< 20 ppb	< 50 ppb
23	LC Gradient Suitability at 254 and 205 nm	Passes The Test	BY LCMSMS
24	UV Absorption at 280nm	< 0.002	≤ 0.005
25	UV Absorption at 260nm	< 0.002	≤ 0.005
26	UV Absorption at 254nm	< 0.002	≤ 0.005
27	UV Absorption at 240nm	< 0.002	≤ 0.01
28	UV Absorption at 230nm	0.003	≤ 0.01
29	UV Absorption at 220nm	0.004	≤ 0.01
30	UV Absorption at 210nm	0.004	≤ 0.01

- For laboratory, research or manufacturing use
- May change over time due to extraction from container
- Filtered through 0.1 micron filter
- For questions on this certificate of analysis please contact technical service at aagam444@gmail.com or +91 97247 47919

**Computer generated Report - Does Not Require Signature**

**R.D. BROTHERS**

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