

**CERTIFICATE OF ANALYSIS**

PRODUCT NAME : WATER AR

Code no. : AGU5000 CAS no. : 7732-18-5

Lot no. : LM10341512 Mfg date : DEC-2015

Exp date : NOV-2020 Analyzed on: 24/12/15

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| Sr. no. | Tests | Specifications | Results |
| 1 | Appearance | Clear colourless liquid | Clear colourless liquid |
| 2 | Potassium permanganate reducing matter (as O) | Max. 0.00003% | 0.000025% |
| 3 | Residue on evaporation | Max. 0.0001% | 0.0001% |
| 4 | Conductivity at the time of mfg. | Max. 2 µS/cm | 1.069 µs/cm |
| 5 | Bromide (Br ) | Max. 0.01 mg/kg | 0.009 mg/kg |
| 6 | Chloride (Cl ) | Max.0.01 mg/kg | <0.01 mg/kg |
| 7 | Iodide (I ) | Max. 0.01 mg/kg | 0.009 mg/kg |
| 8 | Nitrate (NO3) | Max. 0.01 mg/kg | <0.01 mg/kg |
| 9 | Phosphate (PO4) | Max. 0.01 mg/kg | <0.01 mg/kg |
| 10 | Sulphate (SO4) | Max. 0.01 mg/kg | 0.009 mg/kg |
| 11 | Aluminium (Al) | Max. 0.005 mg/kg | Not detected |
| 12 | Barium (Ba) | Max. 0.005 mg/kg | Not detected |
| 13 | Bismuth (Bi) | Max. 0.005 mg/kg |  0.005 mg/kg |
| 14 | Calcium (Ca) | Max. 0.01 mg/kg | Not detected |
| 15 | Cadmium (Cd) | Max. 0.005 mg/kg | Not detected |
| 16 | Cobalt (Co) | Max. 0.005 mg/kg | 0.0004890 mg/kg |
| 17 | Chromium (Cr) | Max. 0.005 mg/kg | Not detected |
| 18 | Copper (Cu) | Max. 0.005 mg/kg | Not detected |
| 19 | Iron (Fe) | Max. 0.005 mg/kg | 0.001953 mg/kg |
| 20 | Potassium (K) | Max. 0.01 mg/kg | 0.01 mg/kg |
| 21 | Lithium (Li) | Max. 0.005 mg/kg | Max 0.005 mg/kg |
| 22 | Magnesium (Mg) | Max. 0.005 mg/kg | Not detected |
| 23 | Manganese (Mn) | Max. 0.005 mg/kg | Not detected |
| 24 | Molybdenum (Mo) | Max. 0.005 mg/kg | 0.003525 mg/kg |
| 25 | Ammonium (NH4) | Max. 0.05 mg/kg | 0.045 mg/kg |
| 26 | Sodium (Na) | Max. 0.01 mg/kg | Not detected |
| 27 | Nickel (Ni) | Max. 0.005 mg/kg | Not detected |
| 28 | Lead (Pb) | Max. 0.005 mg/kg | 0.005 mg/kg |
| 29 | Strontium (Sr) | Max. 0.005 mg/kg | 0.001983 mg/kg |
| 30 | Zinc (Zn) | Max. 0.005 mg/kg | Not detected |

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