

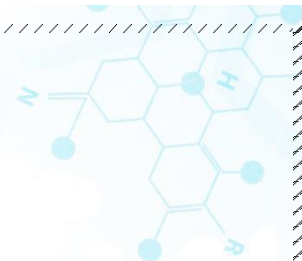
Certificate of Analysis.

Water for LC-MS, ChromSolv[®].

Product code:	BS12033.
Description:	Water for LC-MS, ChromSolv[®].
Chemical Name:	Deionized water.
Pack:	2.5 lit.
CAS NO.:	7732-18-5.
Mol. Weight:	18.02 g/mol.
Mol. Formula:	H₂O.
MDL Number:	MFCD00011332.
Boiling Point:	100°.
Refractive Index:	1.34.
pH:	5.0-7.0 at 25°C.
Solubility:	Miscible in methanol, acetone, Ethanol.
Appearance:	Clear colourless liquid.
Storage:	Store at ambient temperature.
LOT NO.:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	1 years.

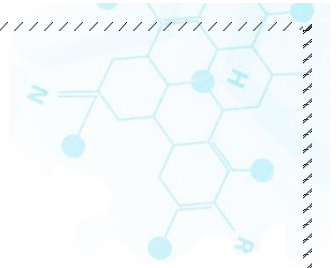
Characteristics	Specification	Result
Non Volatile Matter:	Max 0.0005%.	Lot specific.
Absorbance of sample in 1cm cell v/s H ₂ O@202nm:	Max. 0.01.	Lot specific.
Absorbance of sample in 1cm cell v/s H ₂ O @210nm:	Max. 0.01.	Lot specific.
Absorbance of sample in 1cm cell v/s H ₂ O @250 nm:	Max. 0.005.	Lot specific.
Absorbance of sample in 1cm cell v/s H ₂ O @400nm:	Max. 0.005.	Lot specific.
Cl (Chloride):	≤ 0.05 mg/l.	Lot specific.
F (Fluoride):	≤ 0.05 mg/l.	Lot specific.
NO ₃ (Nitrate):	≤ 0.01 mg/l.	Lot specific.
PO ₄ (Phosphate):	≤ 0.01 mg/l.	Lot specific.
SO ₄ (Sulfate):	≤ 0.1 mg/l.	Lot specific.
SiO ₂ (Silicate):	≤ 0.01 mg/l.	Lot specific.
NH ₄ (Ammonium):	≤ 0.01 mg/l.	Lot specific.
Ag (Silver):	≤ 0.0004 mg/l.	Lot specific.
As (Arsenic):	≤ 0.0020 mg/l.	Lot specific.





Al (Aluminium):	≤ 0.0020 mg/l.	Lot specific.
Au (Gold):	≤ 0.0010 mg/l.	Lot specific.
B (Boron):	≤ 0.0050 mg/l.	Lot specific.
Ba (Barium):	≤ 0.0010 mg/l.	Lot specific.
Be (Beryllium):	≤ 0.0020 mg/l.	Lot specific.
Bi (Bismuth):	≤ 0.0010 mg/l.	Lot specific.
Ca (Calcium):	≤ 0.0050 mg/l.	Lot specific.
Cd (Cadmium):	≤ 0.0010 mg/l.	Lot specific.
Co (Cobalt):	≤ 0.0010 mg/l.	Lot specific.
Cr (Chromium):	≤ 0.0004 mg/l.	Lot specific.
Cu (Copper):	≤ 0.0004 mg/l.	Lot specific.
Fe (Iron):	≤ 0.0010 mg/l.	Lot specific.
Ga (Gallium):	≤ 0.0040 mg/l.	Lot specific.
Ge (Germanium):	≤ 0.0010 mg/l.	Lot specific.
In (Indium):	≤ 0.0010 mg/l.	Lot specific.
K (Potassium):	≤ 0.0050 mg/l.	Lot specific.
Li (Lithium):	≤ 0.0020 mg/l.	Lot specific.
Mg (Magnesium):	≤ 0.0050 mg/l.	Lot specific.
Mn (Manganese):	≤ 0.0004 mg/l.	Lot specific.
Mo (Molybdenum):	≤ 0.0020 mg/l.	Lot specific.
Na (Sodium):	≤ 0.0100 mg/l.	Lot specific.
Ni (Nickel):	≤ 0.0004 mg/l.	Lot specific.
Pb (Lead):	≤ 0.0010 mg/l.	Lot specific.
Pd (Palladium):	≤ 0.0080 mg/l.	Lot specific.
Pt (Platinum):	≤ 0.0010 mg/l.	Lot specific.
Sb (Antimony):	≤ 0.0010 mg/l.	Lot specific.
Sn (Tin):	≤ 0.0010 mg/l.	Lot specific.
Sr (Strontium):	≤ 0.0004 mg/l.	Lot specific.
Ti (Titanium):	≤ 0.0010 mg/l.	Lot specific.
V (Vanadium):	≤ 0.0010 mg/l.	Lot specific.
Zn (Zinc):	≤ 0.0040 mg/l.	Lot specific.
Zr (Zirconium):	≤ 0.0010 mg/l.	Lot specific.
LC-MS Gradient Suitability:	Passes.	Lot specific.
Suitable for LC-MS (ESI positive):	Confirms.	Lot specific.





Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.



Dr.K. Deepti.
Technical Head.

