

Water, LC-MS

H ₂ O	FW. 18.02	Density 1 L = 1.000 Kg.
CAS-No.	7732-18-5	Melting Point - 0 °C
Code	LM1210	Boiling Point 100 °C

Specifications

Appearance	Clear and colorless liquid	
Color (APHA)	5	max.
Acidity (as Acetic acid)	0.0002%	max.
Alkalinity (as Ammonia)	0.0002%	max.
Residue on Evaporation	0.0001%	max.
Chloride (Cl)	10	ppb max.
Fluoride (F)	10	ppb max.
Nitrate (NO ₃)	100	ppb max.
Sulfate (SO ₄)	100	ppb max.
UV Transmission Levels (%T)		
230 nm	99%	min.
200 nm	95%	min.
Gradient Specification		
at 210 nm	2.0	mAU max.
at 254 nm	1.0	mAU max.
Fluorescence (as quinine)		
at 254 nm	1.0	ppb max.
at 365 nm	0.5	ppb max.
Aluminium (Al)	5	ppb max.
Barium (Ba)	5	ppb max.
Cadmium (Cd)	5	ppb max.
Calcium (Ca)	10	ppb max.
Chromium (Cr)	5	ppb max.
Cobalt (Co)	5	ppb max.
Copper (Cu)	5	ppb max.
Iron (Fe)	10	ppb max.
Lead (Pb)	5	ppb max.
Magnesium (Mg)	5	ppb max.
Manganese (Mn)	5	ppb max.
Nickel (Ni)	5	ppb max.
Potassium (K)	5	ppb max.
Sodium (Na)	20	ppb max.
Tin (Sn)	5	ppb max.
Zinc (Zn)	5	ppb max.
Suitable for LC-MS (ESI positive as Reserpine)	10	ppb max.

Product passed through 0.1 micron final filter.

TN_04-04-2012

S-QC03-LM-S-0161 / RV.01 / Eff.date 01-12-21