

PRODUCT IDENTITY

PRODUCT NAME	Water	PRODUCT NUMBER	W433885
Grades & Purity	suitable for mass spectrometry (MS), UltraPureChrom™, for UHPLC	VERSION	3
CAS NUMBER	7732-18-5	FORMULA	H ₂ O
FORMULA WEIGHT	18.02g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(W433885)	Clear Colorless Liquid
UV Absorbance 230nm	0-0.003
UV Absorbance 210nm	0-0.02
Residue on Evaporation	0-0.0001 (%)
Fluorescence 254nm(as Quinine)	0-1 (ppb)
Fluorescence 365nm(as Quinine)	0-1 (ppb)
HPLC Absorbance 254 nm	0-0.9 (mAU)
HPLC Absorbance 210 nm	0-2 (mAU)
Chloride by Ion Chromatography	0-0.01 (ppm)

PARAMETER	SPECIFICATION / LIMIT
Fluoride by Ion Chromatography	0-0.01 (ppm)
NO3 by Ion Chromatography	0-0.1 (ppm)
SO4 by Ion Chromatography	0-0.1 (ppm)
Aluminum(Al)	0-20 (ppb)
Cadmium(Cd)	0-20 (ppb)
Calcium (Ca)	0-20 (ppb)
Chromium(Cr)	0-15 (ppb)
Cobalt (Co)	0-15 (ppb)
Copper(Cu)	0-10 (ppb)
Iron(Fe)	0-20 (ppb)
Magnesium (Mg)	0-20 (ppb)
Manganese(Mn)	0-20 (ppb)
Nickel(Ni)	0-20 (ppb)
Potassium(K)	0-20 (ppb)
Silver (Ag)	0-20 (ppb)
Sodium(Na)	0-50 (ppb)
Sn (Tin)	0-20 (ppb)

PARAMETER	SPECIFICATION / LIMIT
Zinc(Zn)	0-20 (ppb)