

Technical Data Sheet

Product Name	Water LC-MS Grade		
Product #	KS-03302	CAS #	7732-18-5
For laboratory use			
Specifications			
Non Volatiles	< 0.00001%		
Conductivity	< 1µS/cm		
Electrospray Ionisation Mass Spectrometry (Reserpine)	< 0.05ppm		
HPLC Gradient Transmission at 210nm	< 3mAU		
HPLC Gradient Transmission at 254nm	< 1mAU		
Fluorescence Transmission at 254nm	< 1ppb		
Fluorescence Transmission at 365nm	< 1ppb		
Total Organic Carbon (TOC)	< 30ppb		
Calcium (Ca)	< 0.05ppm		
Iron (Fe)	< 0.05ppm		
Potassium (K)	< 0.05ppm		
Magnesium (Mg)	< 0.05ppm		
Sodium (Na)	< 0.05ppm		
Silver (Ag)	< 0.1ppm		
Aluminium (Al)	< 0.05ppm		
Barium (Ba)	< 0.1ppm		
Bismuth (Bi)	< 0.1ppm		

Cadmium (Cd)	< 0.05ppm
Cobalt (Co)	< 0.05ppm
Chromium (Cr)	< 0.02ppm
Copper (Cu)	< 0.02ppm
Lithium (Li)	< 0.1ppm
Manganese (Mn)	< 0.02ppm
Molybdenum (Mo)	< 0.05ppm
Nickel (Ni)	< 0.02ppm
Lead (Pb)	< 0.02ppm
Tin (Sn)	< 0.05ppm
Strontium (Sr)	< 0.05ppm
Zinc (Zn)	< 0.1ppm
Acidity	< 0.0002%
Alkalinity	< 0.0002%
Resestivity	18 – 20MohmXcm
Filter Test	Passes test
UHPLC-MS Suitability Test	Complies

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