



Product Specification Sheet

Pristine® Water, LC-MS Grade

Product Number: [1939-5](#)

Product Information

Formula	H2O
Molecular Weight	18.02
Grade	LC-MS
CAS Number	7732-18-5
Beilstein/REAXYS Number	2050024
EC Number	231-791-2
MDL number	MFCD00011332
UNSPSC Code	12352303
Exp. Date after Mfg. Date	2 years
Test Method	ACS 11th Edition

Specifications

Meets ACS Specification	Yes
Appearance (color)	Colorless
Form	Liquid



Purity (GC area %)	Min 99.9%
Filtered by 0.2um filter	Yes
Residue after evaporation	Max 1 ppm
Ultraviolet Spectrophotometry	
UV Absorbance 200 nm	Max 0.01
UV Absorbance 254 nm	Max 0.005
UV Absorbance 280 nm	Max 0.005
Gradient Elution Test	
Largest eluted peak (254nm)	Max 1 mAU
Largest eluted peak (210nm)	Max 5 mAU
Fluorescence Trace Impurities	
at 450nm Emission	Max 0.1 ppb
at Emission Max for impurities	Max 0.02 ppb
Physical Properties	
Vapor Pressure	23 hPa (20 °C)
Boiling Point	100 °C (lit.)
Melting Point	0 °C (lit.)
Density	1.000 g/mL at 3.98 °C (lit.)



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n_{20/D} 1.34 (lit.)
