Product Specification Sheet

Pristine® Water, HPLC

Product Number: 1919-5

Product Information	
Formula	H2O
Molecular Weight	18.02
Grade	HPLC
CAS Number	7732-18-5
Beilstein/REAXYS Number	2050024
EC Number	231-791-2
MDL number	MFCD00011332
UNSPSC Code	12190000
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 2 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	**3 mmHg**
Vapor Density	**<1 (vs air)**
Boiling Point	**100 °C (lit.)**
Melting Point	**0 °C (lit.)**

Density	**1.000 g/mL at 3.98 °C (lit.)**
Refractive Index	**n20/D 1.34 (lit.)**