

04/07/2023

Certificate of Analysis

Product: Water
Grade: HPLC
Part No.'s: 1919-5

Lot:	MAC102
Mfg. Date:	2022-10-12
Exp. Date:	2 years after Mfg. Date

Manufactured by Duksan Pure Chemicals

Meets ACS Specification
Ultraviolet Spectrophotometry

Maximum UV Absorbance:

Wavelength	Unit	Specification (Max)	Results
200	nm	0.01	<0.01
250 - 400	nm	0.005	<0.005

LC Gradient Suitability:

Gradient Elution Test	Unit	Specification (Max)	Results
Largest eluted peak (254nm)	mAU	1	<1
Largest eluted peak (210nm)	mAU	5	<5

Fluorescence Trace Impurities	Unit	Specification (Max)	Results
At 450nm Emission	ppb	0.1	<0.1
At Emission Maximum for Impurities	ppb	0.2	<0.2

Test	Unit	Specification (Max)	Results
Residue after evaporation	ppm	2	<2
Filtered by 0.2um filter	-	-	-

Created By:

James Osborn
Quality Supervisor