



...Pure Quality

Certificate of Analysis

Product: ACS/HPLC Acetonitrile
Cat: CP-C0157
Lot: EJ643
Date of Manufacture: 2024-Nov-13
Use Before Date: 2027-Nov-12

ACS Reagent, for HPLC, Spectrophotometry, meets analytical specification of USP, >99.9%

<u>Test</u>	<u>Specification</u>		<u>Result</u>	<u>Units</u>
	<u>Min.</u>	<u>Max.</u>		
Appearance	Clear		Clear	
Water by Karl Fisher Titration		0.05	0.001	%
UV Cutoff		190	187	nm
Refractive Index (20°C)	1.3434	1.3446	1.3438	
Residue		3	<1	mg/L
GC Analysis	99.9		99.98	%
Color (APHA)		10	<10	
Titration Acid		8.0	0.19	µeq/g
Titration Base		0.6	0.01	µeq/g
HPLC Gradient @ 254 nm		0.005	<0.0050	AU
UV Absorbance @ 200 nm		0.070	0.0214	AU
UV Absorbance @ 210 nm		0.040	0.0127	AU
UV Absorbance @ 225 nm		0.020	0.0052	AU
UV Absorbance @ 250 nm		0.005	0.0006	AU
UV Absorbance @ 350 nm		0.005	0.0001	AU

Quality Control Approval

LIMS Sample No.: AP02872
11/13/2024