



...Pure Quality

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## Certificate of Analysis

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**Product:** ACS/HPLC Acetonitrile  
**Cat:** CP-C0157  
**Lot:** EJ449  
**Description:** ACS Reagent, for HPLC, Spectrophotometry, meets USP specs, >99.9%  
**Date of Manufacture:** 2024-Oct-02  
**Use Before Date:** 2027-Oct-01

Meets ACS Specifications

<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	1.3439	
Residue		3	<1	mg/L
GC Analysis	99.9		99.98	%
Color (APHA)		10	<10	
Titration Acid		8.0	0.29	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	0.0115	AU
UV Absorbance @ 210 nm		0.040	0.0084	AU
UV Absorbance @ 225 nm		0.020	0.0039	AU
UV Absorbance @ 250 nm		0.005	<0.0001	AU
UV Absorbance @ 350 nm		0.005	<0.0001	AU

Quality Control Approval

LIMS Sample No.: AP02529  
10/2/2024