



...Pure Quality

Certificate of Analysis

Product: LC-MS / HPLC Acetonitrile
Cat: CP-C9725
Lot: 26CP94121
Date of Manufacture: 2025-May-14
Use Before Date: 2029-May

Meets Acetonitrile Specifications >99.9% for HPLC and/or LC-MS

<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		0.010	0.005	%
UV Cutoff		190	189	nm
Refractive Index (20°C)	1.3434	1.3446	1.3439	
Residue		1	<0.5	mg/L
GC Analysis	99.9		99.99	%
HPLC Gradient Elution	Passes test		Passes	
Trace Metals	Passes Test		Passes	
Ag		0.05	<0.05	ppm
Al		0.5	<0.5	ppm
Ba		0.1	<0.1	ppm
Ca		0.05	<0.05	ppm
Cd		0.05	<0.05	ppm
Co		0.02	<0.02	ppm
Cr		0.02	<0.02	ppm
Cu		0.02	<0.02	ppm
Fe		0.1	<0.1	ppm
K		0.1	<0.1	ppm
Mg		0.1	<0.1	ppm
Mn		0.02	<0.02	ppm
Na		0.1	<0.1	ppm
Ni		0.02	<0.02	ppm
Pb		0.1	<0.1	ppm
Sn		0.1	<0.1	ppm
Zn		0.1	<0.1	ppm
Fluorescence (as quinine- 254 nm)			<1	ppb
Fluorescence (as quinine- 365 nm)			<0.5	ppb