



...Pure Quality

Certificate of Analysis

Product: LC-MS / HPLC Acetonitrile
Cat: CP-C9725
Lot: CEP6067
Date of Manufacture: 2024-Oct-31
Use Before Date: 2026-Oct-31

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	0.001	%
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		99.98	%
HPLC Gradient Elution	Passes test		Passes	
Fluorescence (as quinine base)		0.30	0.05	ppb
LC/MS Positive Mode (as reserpine)		50	<50	ppb
LC/MS Positive Mode (as caffeine)		100	<100	ppb
LC/MS Negative Mode (as 4-nitrophenol)		50	<50	ppb
Trace Metals	Passes Test		Passes	