

Certificate of Analysis

Product: Acetonitrile
Item Number: CANLCMS
Grade: LCMS
Lot Number: 5002086/1.1
Manufacture Date: 01/23/2026
Expiration Date: 01/22/2031
Country of Origin: India

Tested Property	Specification	Analysis
Assay, GC-FID (Corrected for Water)	Min 99.9%	99.99
Evaporation Residue	Max 1 ppm	<1
Water, KF Coulometry	Max 0.010%	0.0006
Al (Aluminum)	Max 50 ppb	<1
Ca (Calcium)	Max 50 ppb	<1
Fe (Iron)	Max 5 ppb	<1
K (Potassium)	Max 10 ppb	<1
Mg (Magnesium)	Max 10 ppb	<1
Na (Sodium)	Max 50 ppb	4
Fluorescence, emission max. for Imp., Quinine base	Max 0.3 ppb	<0.3
LC Gradient Elution Suitability		
215nm	Max 0.005 AU	0.003
254nm	Max 0.001 AU	0.0001
LC-MS Positive mode (Reserpine)	Max 50 ppb	<50
LC-MS Negative mode (Nitrophenol)	Max 50 ppb	<50
Refractive Index at 20°C	1.3434 - 1.3446	1.3439
Barium (Ba)	Max 5 ppb	<1
Cadmium (Cd)	Max 5 ppb	<1
Chromium (Cr)	Max 5 ppb	<1
Copper (Cu)	Max 5 ppb	<1

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Cobalt (Co)	Max 5 ppb	<1
Manganese (Mn)	Max 5 ppb	<1
Nickel (Ni)	Max 5 ppb	<1
Silver (Ag)	Max 5 ppb	<1
Tin (Sn)	Max 5 ppb	<1
Zinc (Zn)	Max 5 ppb	<1

CAS RN: 75-05-8

[Acetonitrile](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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