

Certificate of Analysis

Product: Acetonitrile
Grade: ACS grade
CAS # 75-05-8
CHEMICAL FORMULA : CH₃CN
MDL: MFCD00001878

Product Code : CP-C9720
Lot: EKL716
Density: 0.786 g/mL, 25C
F.W. 41.056 g/mol
Flash Point 2°C, 35.6°F

Analytical Results		
Item	Specifications	Analysis
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to structure	Conforms
Color Test	max. 10 APHA	5
Purity (GC) corrected for water	min. 99.5%	99.98%
Water (by Karl Fischer)	max. 0.3%	0.009 %
Residue after Evaporation	max. 0.005 %	< 0.0005 %
Titrateable Acid	max. 8 µeq/g	0.4 µeq/g
Titrateable Base	max. 0.6 µeq/g	0.03 µeq/g
HPLC Gradient @254nm	max. 0.005	<0.005 AU
UV Absorbance @ 200nm	max. 0.070	0.0312 AU
UV Absorbance @ 210nm	max. 0.040	0.0192 AU
UV Absorbance @ 225nm	max. 0.020	0.0081 AU
UV Absorbance @ 250nm	max. 0.005	0.0033 AU
UV Absorbance @ 350nm	max. 0.005	0.0005 AU
Meets ACS Requirements		Meets requirements
Manufacturing date		Jan-21-2025

C = 4L

This is to certify that samples of the lot number above were tested and found to comply with the stated specifications. Some or all data have been provided by vendors/third parties. ChemPure Brand Chemicals expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular use or purpose. Persons using this information should make their own determination regarding its suitability for their particular use.

This is an electronically generated document and does not require signatures.