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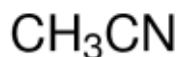
Email USA: techserv@sial.com

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Product Specification

Product Name:
Acetonitrile - HPLC Plus, ≥99.9%, poly-coated bottles

Product Number: 675415
CAS Number: 75-05-8
MDL: MFCD00001878
Formula: C₂H₃N
Formula Weight: 41.05 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared Spectrum	Conforms to Structure
UV Absorbance 228nm	≤ 0.005
UV Absorbance 200nm	≤ 0.02
UV Absorbance 195nm	≤ 0.10
Purity (GC)	≥ 99.90 %
GC	< 10 ng/L as Heptachlor Epoxide
Water (by Karl Fischer)	≤ 0.01 %
Residue on Evaporation	≤ 0.0002 %
Fluorescence 365nm	≤ 0.5 ppb
As Quinine	
Fluorescence 254nm	≤ 0.5 ppb
As Quinine	
Free Acid (as Acetic Acid)	≤ 0.001 %
Alkalinity	≤ 0.0001 %
As NH ₃	
HPLC Absorbance 210 nm	≤ 1 mAU
HPLC Absorbance 254 nm	≤ 0.2 mAU
Baseline Drift 210nm	≤ 12 mAU
Expiration Date Period	-----
3 years	

Specification: PRD.6.ZQ5.10000016333

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.