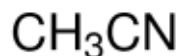


Certificate of Analysis

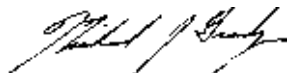
Product Name:

Acetonitrile – ACS reagent, ≥99.5%

Product Number: 360457
Batch Number: MKCN5804
Brand: SIGALD
CAS Number: 75-05-8
Formula: C₂H₃N
Formula Weight: 41.05 g/mol
Quality Release Date: 18 FEB 2021



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Purity (GC)	≥ 99.50 %	99.96 %
Water (by Karl Fischer)	≤ 0.3 %	< 0.1 %
Residue on Evaporation	≤ 0.005 %	< 0.001 %
Color Test	≤ 10 APHA	< 10 APHA
Titrateable Acid (microeq/g)	≤ 8.0	0.3
Titrateable Base (microeq/g)	≤ 0.6	< 0.1
Meets ACS Requirements	Current ACS Specification	Conforms



Michael Grady, Manager
Quality Control
Milwaukee, WI US

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.

