

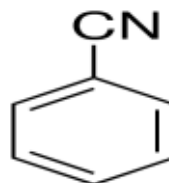
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
Benzonitrile - for HPLC, 99.9%

Product Number: 270318
CAS Number: 100-47-0
MDL: MFCD00001770
Formula: C₇H₅N
Formula Weight: 103.12 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared spectrum	Conforms to Structure
UV Absorbance 400nm	≤ 0.01
UV Absorbance 360nm	≤ 0.01
UV Absorbance 335nm	≤ 0.03
UV Absorbance 310nm	≤ 0.40
UV Absorbance 300nm	≤ 1.0
Purity (GC)	≥ 99.85 %
Water (by Karl Fischer)	≤ 0.03 %
Residue on Evaporation	≤ 0.0005 %

Specification: PRD.1.ZQ5.10000005325

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.