

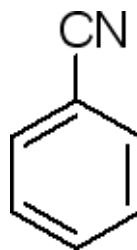
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## Product Specification

Product Name:  
Benzonitrile - anhydrous, ≥99%

Product Number: 294098  
CAS Number: 100-47-0  
MDL: MFCD00001770  
Formula: C<sub>7</sub>H<sub>5</sub>N  
Formula Weight: 103.12 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared spectrum	Conforms to Structure
Purity (GC)	≥ 99.0 %
Residue on Evaporation	≤ 0.0003 %
Water (by Karl Fischer)	≤ 0.003 %
Note	-----
For 100 mL unit size, water content may exceed above specification; not to exceed 0.005%.	

Specification: PRD.1.ZQ5.10000016458

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](http://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.