

3050 Spruce Street, Saint Louis, MO 63103, USA

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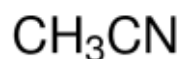
## Product Specification

Product Name:

Acetonitrile solution – contains 0.1 % (v/v) formic acid, for UHPLC, for mass spectrometry

Product Number:

900686



TEST	Specification
Appearance (Clarity)	Clear
Appearance (Color)	Colorless
Appearance (Form)	Liquid
UV Absorbance 254nm	≤ 0.040
UV Absorbance 230nm	≤ 0.80
UV Absorbance 210nm	≤ 1.25
Purity (GC)	≥ 99.6 %
Acetonitrile Basis	
HPLC Gradient at 210nm	≤ 10 mAU
HPLC Gradient at 254nm	≤ 5 mAU
Suitability	Suitable
Suitability Confirmed	
Formic Acid	0.092 - 0.108 %vol/v
Trace Metal Analysis	Complete
Aluminum (Al)	≤ 20 ppb
Cadmium (Cd)	≤ 20 ppb
Calcium (Ca)	≤ 50 ppb
Chromium (Cr)	≤ 20 ppb
Cobalt (Co)	≤ 20 ppb
Copper (Cu)	≤ 20 ppb
Iron (Fe)	≤ 20 ppb
Magnesium (Mg)	≤ 40 ppb
Manganese (Mn)	≤ 20 ppb
Nickel (Ni)	≤ 20 ppb

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.

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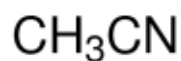
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TEST	Specification
Potassium (K)	≤ 20 ppb
Silver (Ag)	≤ 20 ppb
Sodium (Na)	≤ 100 ppb
Tin (Sn)	≤ 20 ppb
Zinc (Zn)	≤ 20 ppb
Expiration Date Period	-----
18 Months	

Specification: PRD.1.ZQ5.10000080427

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