



**TECHNICAL DATA SHEET (TDS)**  
 Acetonitrile, LC/MS Grade  
 Product Specifications (CAS# 75-05-8)

Test	Specification	Typical Results
Assay, GC-FID (Corrected for Water)	Min 99.9%	99.99
Refractive Index at 20°C	1.3434 - 1.3446	1.3439
Water, KF Coulometry	Max 0.010%	0.0006
Evaporation Residue	Max 1 ppm	<1
LC Gradient Elution Suitability at 215nm	Max 0.005 AU	0.003
LC Gradient Elution Suitability at 254nm	Max 0.001 AU	0.0001
Fluorescence, emission max. for Imp., Quinine base	Max 0.3 ppb	<0.3
LC-MS Positive mode (Reserpine)	Max 50 ppb	<50
LC-MS Negative mode (Nitrophenol)	Max 50 ppb	<50
Al (Aluminum)	Max 50 ppb	<1
Barium (Ba)	Max 5 ppb	<1
Cadmium (Cd)	Max 5 ppb	<1
Ca (Calcium)	Max 50 ppb	<1
Chromium (Cr)	Max 5 ppb	<1
Copper (Cu)	Max 5 ppb	<1
Cobalt (Co)	Max 5 ppb	<1
Fe (Iron)	Max 5 ppb	<1
Mg (Magnesium)	Max 10 ppb	<1
K (Potassium)	Max 10 ppb	<1
Manganese (Mn)	Max 5 ppb	<1
Nickel (Ni)	Max 5 ppb	<1
Silver (Ag)	Max 5 ppb	<1
Na (Sodium)	Max 50 ppb	4
Tin (Sn)	Max 5 ppb	<1
Zinc (Zn)	Max 5 ppb <a href="#">Acetonitrile, LC/MS Grade</a>	<1

Appropriate/legal use of this product is the responsibility of the user.

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