



TECHNICAL DATA SHEET(TDS)

Methanol 99% LC/MS Grade

Product Specifications (CAS# 67-56-1)

Test	Specification	Typical Results
Assay (by GC-FID) (Corrected for Water)	Min 99.90%	>99.99%
Refractive Index at 20 Deg. C	1.3280 - 1.3288	1.3286
Water (by KF coulometry)	Max 0.05%	0.002%
Residue after Evaporation	Max 1 ppm	0.3 ppm
LC Gradient elution suitability at 220nm	Max 0.005 AU	<0.005 AU
LC Gradient elution suitability at 254nm	Max 0.001 AU	<0.001 AU
Fluorescence at emission maximum for impurities	Max 0.30 ppb	<0.30 ppb
LC-MS Positive mode (as Reserpine)	Max 50 ppb	<50 ppb
LC-MS Negative mode (as Nitrophenol)	Max 50 ppb	<50 ppb
Aluminum (Al)	Max 50 ppb	<1 ppb
Barium (Ba)	Max 5 ppb	<1 ppb
Cadmium (Cd)	Max 5 ppb	<1 ppb
Calcium (Ca)	Max 50 ppb	<1 ppb
Chromium (Cr)	Max 5 ppb	<1 ppb
Cobalt (Co)	Max 5 ppb	<1 ppb
Copper (Cu)	Max 5 ppb	<1 ppb
Iron (Fe)	Max 5 ppb	<1 ppb
Lead (Pb)	Max 5 ppb	<1 ppb
Magnesium (Mg)	Max 10 ppb	<1 ppb
Manganese (Mn)	Max 5 ppb	<1 ppb
Nickel (Ni)	Max 5 ppb	<1 ppb
Potassium (K)	Max 10 ppb	<1 ppb



Test	Specification	Typical Results
Silver (Ag)	Max 5 ppb	<1 ppb
Sodium (Na)	Max 50 ppb	<1 ppb
Tin (Sn)	Max 5 ppb	<1 ppb

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Test	Specification	Typical Results
Zinc (Zn)	Max 5 ppb	<1 ppb

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

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