

Item Number	MS009
Item	Acetonitrile, LCMS
CAS Number	75-05-8
Molecular Formula	CH ₃ CN
Molecular Weight	41.05
MDL Number	
Synonyms	Methyl Cyanide ; Cyanomethane

Test	Specification	
	Min	Max
Assay (by GC-FID)	99.9 %	
REFRACTIVE INDEX @ 20°C	1.3434	1.3446
WATER (BY KF COULOMETRY)		0.010 %
RESIDUE AFTER EVAPORATION		1 ppm
HPLC GRADIENT ELUTION @ 215 NM		0.005 AU
HPLC GRADIENT ELUTION @ 254 NM		0.001 AU
FLUORESCENCE (AS QUININE BASE)		0.3 ppb
LC-MS POSITIVE MODE (AS RESERPINE)		50 ppb
LC-MS NEGATIVE MODE (AS NITROPHENOL)		50 ppb
ALUMINUM		50 ppb
BARIUM		5 ppb
CADMIUM		5 ppb
CALCIUM (AT THE TIME OF PACKAGING)		50 ppb
CHROMIUM		5 ppb
COBALT		5 ppb
COPPER		5 ppb
IRON		5 ppb
LEAD		5 ppb
MAGNESIUM (AT THE TIME OF PACKAGING)		10 ppb
MANGANESE		5 ppb
NICKEL		5 ppb
POTASSIUM (AT THE TIME OF PACKAGING)		10 ppb
SILVER		5 ppb
SODIUM (AT THE TIME OF PACKAGING)		50 ppb
TIN		5 ppb

Test	Specification	
	Min	Max
ZINC (AT THE TIME OF PACKAGING)		5 ppb
RETEST DATE		
DATE OF MANUFACTURE		

Spectrum Chemical Mfg Corp

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