

## Specifications

Name: Acetonitrile  
Catalog No: AL1129-002  
Grade: LC Mass Spec

<u>Test Name</u>	<u>Limits</u>
Assay (by GC-FID) (Corrected for Water)	Min 99.9 %
Fluorescence at emission maximum for Impurities (as Quinine base)	Max 0.3 ppb
LC gradient elution suitability at 215 nm	Max 0.005 AU
254 nm	Max 0.001 AU
LC-MS Positive mode (as Reserpine)	Max 50 ppb
LC-MS Negative mode (as Nitrophenol)	Max 50 ppb
Refractive Index at 20°C	1.3434-1.3446
Residue after Evaporation Water	Max 1 ppm
(by KF coulometry)	Max 0.010 %
Trace Metals	Comment
Aluminum (Al)	Max 50 ppb
Barium (Ba)	Max 5 ppb
Cadmium (Cd)	Max 5 ppb
Calcium (Ca)	Max 50 ppb
Chromium (Cr)	Max 5 ppb
Cobalt (Co)	Max 5 ppb
Copper (Cu)	Max 5 ppb
Iron (Fe)	Max 5 ppb
Lead (Pb)	Max 5 ppb
Magnesium (Mg)	Max 10 ppb
Manganese (Mn)	Max 5 ppb
Nickel (Ni)	Max 5 ppb
Potassium (K)	Max 10 ppb
Silver (Ag)	Max 5 ppb
Sodium (Na)	Max 50 ppb
Tin (Sn)	Max 5 ppb
Zinc (Zn)	Max 5 ppb
Comments:	
Metal results are at time of packaging and may increase from extraction from the container.	Comment Comment