

## Specifications

Name: Acetonitrile  
Catalog No: AA1121-001  
Grade: Absolv

### Test Name

Assay (by GC-FID)  
(Corrected for Water)  
Color  
Fluorescence at emission maximum for Impurities at  
254 nm  
GC-ECD Responsive residue (single peak)  
(as Heptachlorepoxyde)  
GC-FID Responsive residue (single peak)  
(as 2-Octanol)  
LC gradient elution suitability at  
210 nm  
254 nm  
Residue after Evaporation  
Titrable Acid  
Titrable Base  
Water  
(by KF coulometry)  
Optical Absorbance at  
190 nm  
195 nm  
200 nm  
210 nm  
220 nm  
230 nm  
254 nm  
400 nm  
LC-MS Positive mode  
(as Reserpine)  
LC-MS Negative mode  
(as Nitrophenol)  
Aluminum (Al)  
Barium (Ba)  
Cadmium (Cd)  
Calcium (Ca)  
Chromium (Cr)  
Cobalt (Co)  
Copper (Cu)  
Iron (Fe)

### Limits

Min 99.9 %  
Max 5 APHA  
  
Max 1 ppb  
  
Max 10 ppt  
  
Max 5 ppb  
  
Max 3 mAU  
Max 0.5 mAU  
Max 1 ppm  
Max 0.008 meq/g  
Max 0.0006 meq/g  
  
Max 0.01 %  
  
Max 1.00 AU  
Max 0.14 AU  
Max 0.05 AU  
Max 0.04 AU  
Max 0.02 AU  
Max 0.01 AU  
Max 0.005 AU  
Max 0.005 AU  
  
Max 50 ppb  
  
Max 50 ppb  
Max 0.5 ppm  
Max 0.1 ppm  
Max 0.5 ppm  
Max 0.1 ppm  
Max 0.02 ppm  
Max 0.02 ppm  
Max 0.01 ppm  
Max 0.1 ppm

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### Test Name

Lead (Pb)  
Magnesium (Mg)  
Manganese (Mn)  
Nickel (Ni)  
Potassium (K)  
Silver (Ag)  
Sodium (Na)  
Tin (Sn)  
Zinc (Zn)

### Comments:

Metal results are at time of packaging  
and may increase from extraction from the container.

### Limits

Max 0.02 ppm  
Max 0.1 ppm  
Max 0.01 ppm  
Max 0.02 ppm  
Max 0.1 ppm  
Max 0.1 ppm  
Max 0.1 ppm  
Max 0.1 ppm  
Max 0.1 ppm

Comment

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