

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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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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