

Specifications

Name: Acetonitrile
Catalog No: AA1121-002
Grade: Absolv

Test Name

Limits

Assay (by GC-FID) (Corrected for Water)	Min 99.9 %
Color	Max 5 APHA
Fluorescence at emission maximum for Impurities at 254 nm	Max 1 ppb
GC-ECD Responsive residue (single peak) (as Heptachlorepoxyde)	Max 10 ppt
GC-FID Responsive residue (single peak) (as 2-Octanol)	Max 5 ppb
LC gradient elution suitability at 210 nm	Max 3 mAU
254 nm	Max 0.5 mAU
Residue after Evaporation	Max 1 ppm
Titration Acid	Max 0.008 meq/g
Titration Base	Max 0.0006 meq/g
Water (by KF coulometry)	Max 0.01 %
Optical Absorbance at 190 nm	Max 1.00 AU
195 nm	Max 0.14 AU
200 nm	Max 0.05 AU
210 nm	Max 0.04 AU
220 nm	Max 0.02 AU
230 nm	Max 0.01 AU
254 nm	Max 0.005 AU
400 nm	Max 0.005 AU
LC-MS Positive mode (as Reserpine)	Max 50 ppb
LC-MS Negative mode (as Nitrophenol)	Max 50 ppb
Aluminum (Al)	Max 0.5 ppm
Barium (Ba)	Max 0.1 ppm
Cadmium (Cd)	Max 0.5 ppm
Calcium (Ca)	Max 0.1 ppm
Chromium (Cr)	Max 0.02 ppm
Cobalt (Co)	Max 0.02 ppm
Copper (Cu)	Max 0.01 ppm
Iron (Fe)	Max 0.1 ppm

7/26/2024

Form Number : FN-012

Revision Date: 06-01-2016

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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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