

Specifications

Name: Acetonitrile
Catalog No: AB1131-130
Grade: Bio

Test Name

Assay (by GC-FID)
(Corrected for Water)
Color
Refractive Index at
20°C
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 Base
Titrable Acid
Water
(by KF coulometry)
UV cut-off
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)

Limits

Min 99.9 %
Max 5 APHA

1.3434-1.3446

Max 1 ppb
Max 10 ppt
Max 5 ppb
Max 3 mAU
Max 0.5 mAU
Max 1 ppm
Max 0.0006 meq/g
Max 0.008 meq/g

Max 10 ppm
Max 190 nm

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

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Test Name

Cobalt (Co)
Copper (Cu)
Iron (Fe)
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 0.01 ppm
Max 0.1 ppm
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

Comment