

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 |

4/18/2024

Form Number : FN-012

Revision Date: 06-01-2016

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Clear focus. Consistent results. Complete confidence.

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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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