Acetonitrile
BAKER ANALYZED ULTRA LC/MS™
For Use in LC/MS and UHPLC

Material No.: 9853-02
Revision No.: 0

Product Specification

Test	Specification
Assay (CH_3CN)	≥ 99.9 %
Appearance	Passes Test
Gradient Elution Test (a.u.) - 254 nm	≤ 0.0005
Gradient Elution Test (a.u.) - 210 nm	≤ 0.002
Fluorescence Trace Impurities, measured as Quinine Base - at 450 nm Emission	≤ 0.3 ppb
Fluorescence Trace Impurities, measuredas Quinine Base - at Emission Maximum for Impurities	≤ 1.0 ppb
Color (APHA)	≤ 10
Residue after Evaporation	≤ 0.8 ppm
Water (H_2O)	≤ 100 ppm
LC/MS Suitability - Largest Response on ESI- Positive Mode (as Reserpine)	≤ 25.0 ppb
LC/MS Suitability - Largest Response on ESI- Negative Mode (as 4-Nitrophenol)	≤ 25.0 ppb
Trace Impurities - Aluminum (Al)	≤ 25.0 ppb
Trace Impurities - Calcium (Ca)	≤ 25.0 ppb
Trace Impurities - Chromium (Cr)	≤ 5.0 ppb
Trace Impurities - Cobalt (Co)	≤ 5.0 ppb
Trace Impurities - Copper (Cu)	≤ 5.0 ppb
Trace Impurities - Iron (Fe)	≤ 5.0 ppb
Trace Impurities - Lead (Pb)	≤ 5.0 ppb
Trace Impurities - Lithium (Li)	≤ 5.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 10.0 ppb
Trace Impurities - Manganese (Mn)	≤ 5.0 ppb
Trace Impurities - Nickel (Ni)	≤ 5.0 ppb
Trace Impurities - Potassium (K)	≤ 10.0 ppb
Trace Impurities - Sodium (Na)	≤ 50.0 ppb
Trace Impurities - Tin (Sn)	≤ 5.0 ppb
Trace Impurities - Zinc (Zn)	≤ 10.0 ppb

Acetonitrile
BAKER ANALYZED ULTRA LC/MS™
For Use in LC/MS and UHPLC

Material No.: 9853-02

Test	Specification

For Laboratory,Research,or Manufacturing Use
Filtered through a 0.1 micron filter.

Packaging Site: Paris Mfg Ctr & DC

For questions on this Product Specification please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700