Acetonitrile

Baker Analyzed LC-MS Reagent

Material No: 9821.2500GL
Effective from: 2019/07/18

Product Specification

Test	Specification
Assay (by GC)	>= 99.9 %
Residue after Evaporation	<= 1 ppm
Water (H2O)	<= 0.01 %
LC-Gradient-Diode Array Detection (AU), test solution is modified with 0.1% (v/v) formic acid:	
at 220 nm	<= 0.002
at 254 nm	<= 0.001
LC-MS Gradient Suitability Test (TIC, 100 to 2000 m/z), test solution is modified with 0.1% (v/v) formic acid:	
Positive ESI-MS Sensitive Impurities (as Reserpine)	<= 50 ng/ml
Trace Impurities (in ppb)	
Aluminium (Al)	<= 50
Calcium (Ca)	<= 50
Iron (Fe)	<= 50
Magnesium (Mg)	<= 50
Potassium (K)	<= 50
Sodium (Na)	<= 50
Ultraviolet Absorbance (1.00-cm path vs water):	
at 200 nm	<= 0.05
at 220 nm	<= 0.01
at 254 nm	<= 0.01

For questions on this Product Specification please contact Technical Service at technical.service@avantorsciences.com
Avantor Performance Materials Poland S.A. Sowinskiego 11 Gliwice 44-101 Poland Tel: +48 322392000

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For Laboratory, Research or Manufacturing use.
For Use in Liquid Chromatography and Mass Spectrometry
Element concentrations are at time of lot release.

Barbara Rykowska
Quality Assurance Coordinator

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