

Certificate of Analysis

Product No 8402
Methanol
'BAKER HPLC ANALYZED'
(Ultra) Gradient Grade
Lot No 1703002801
Release Date 15-Feb-2017

For use in Liquid Chromatography (HPLC & UHPLC*) & Spectrophotometry

Test	Specification	Actual value
Assay (by GC) (corrected for water)	min. 99.8 %	100.0 %
Acetone	max. 0.001 %	< 0.001 %
Residue after Evaporation (in ppm)	max. 2	< 2
Titration Acid (meq/g)	max. 0.0003	< 0.0003
Titration Base (meq/g)	max. 0.0001	< 0.0001
Water (H ₂ O)	max. 0.02 %	0.01 %
Fluorescence Trace Impurities (as quinine base), ppb:		
Measured at Emission Maximum for Solvent Impurities	max. 1.0	< 1.0
Measured at 450 nm	max. 0.3	< 0.3
Gradient Elution Test Ultraviolet Absorbance (a.u.):		
at 235 nm	max. 0.005	< 0.005
at 254 nm	max. 0.001	< 0.001
Ultraviolet Absorbance (1.00-cm path vs water):		
at 225 nm	max. 0.20	0.15
at 254 nm	max. 0.02	0.01
at 280 nm	max. 0.01	< 0.01
at 350 nm	max. 0.01	< 0.01
UV Cut-off, nm	max. 206	202

* ecotainer and returnable container packaging not recommended
Filtered through a 0.2 micron filter.
Packaged under Nitrogen.

Use Before Date: 2020-01

For Laboratory, Research or Manufacturing Use.

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For questions on this cofa, please contact Customer Service at avantor.emea@avantormaterials.com

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Avantor Performance Materials Poland S.A. Sowinskiego 11 Gliwice 44-101 Poland Tel:+48 322392000

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Jamie Ethier
Vice President Global Quality