



Laboratory chemicals and products-Clinical chemistry and hematology products-Fine & industrial chemicals

Certificate of Analysis

Product No 9012
 Acetonitrile
 'BAKER HPLC ANALYZED'
 HPLC Far UV / Gradient Grade

Lot No 1506815002

Release Date 09-Mar-15

Test	Specification	Actual value
Assay (by GC)	min. 99.9 %	100.0 %
Residue after Evaporation	max. 3 ppm	< 0.5 ppm
Titration Acid (meq/g)	max. 0.0008	0.00040
Titration Base (meq/g)	max. 0.0006	0.00006
Water (H ₂ O)	max. 0.02 %	0.002 %
<i>Fluorescence Trace Impurities (as quinine base), ppb:</i>		
at Emission Maximum for Impurities	max. 1.0	0.3
Measured at 450 nm	max. 0.3	0.2
<i>Gradient Elution Test (PAH Suitability test)</i>		
<i>Ultraviolet Absorbance (a.u.)</i>		
at 254 nm	max. 0.001	< 0.001
<i>Ultraviolet Absorbance (1.00-cm path vs water):</i>		
at 200 nm	max. 0.10	0.02
at 210 nm	max. 0.05	0.01
at 220 nm	max. 0.03	0.01
at 254 nm	max. 0.01	< 0.01
at 280 nm	max. 0.01	< 0.01
at 350 nm	max. 0.01	< 0.01
at 400 nm	max. 0.01	< 0.01
UV Cut-off, nm	max. 190	190
<i>Physical Data (not specifications):</i>		
Refractive Index n ₂₀ /D	1.344	

Filtered through a 0.2 micron filter.
 Packaged under Nitrogen.

Use Before Date: 2017-05

For Laboratory, Research or Manufacturing Use.

This document is automatically generated.

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

The information in this document is property of Avantor Performance Materials B.V.

Avantor Performance Materials B.V. Teugseweg 20 7418 AM Deventer The Netherlands Tel:+31 570687500

Only for Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) relevant countries:

For information on Use Descriptors please contact us by mail to

JTBaker_REACH_USERS@avantormaterials.com indicating the JTBaker product number you purchase.



Dr. J Mittendorf
QA & RA Manager