



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 1004236004

Release Date 11-02-2010

Test	Specification	Actual value
Assay (by GC)	min. 99.8 %	100.0 %
Residue after Evaporation	max. 5 ppm	< 0.5 ppm
Titration Acid (meq/g)	max. 0.0008	0.0004
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	0.2
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	0.03
at 210 nm	max. 0.05	0.02
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: 2012-03

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