

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS

Product	Acetonitrile, gradient 240nm/ far UV HPLC grade	Batch	20110603
AC0329		Quality release date	04/09/2019
		Expiry date	09/2024
Analysis	Batch value	Specifications	
Assay (G.C.)	99,98 %	≥ 99,9	
Identity (IR-Spectrum)	passes test	passes test	
Density (20°/4°)	0,7821 g/mL	0,779 - 0,783	
Acidity	0,00019 meq/g	≤ 0,0002	
Alkalinity	0,00003 meq/g	≤ 0,0001	
Residue on evaporation	0,0002 %	≤ 0,0002	
Water (K.F.)	0,0172 %	≤ 0,02	
Gradient grade (240 nm)			
maximum background absorbance:	0,002 AU	≤ 0,01	
maximum peak absorbance:	< 0,0015 AU	≤ 0,0015	
UV Spectroscopy in a 1,0 cm cell:			
min. transmission at 200 nm	91,27 %	≥ 90	
min. transmission at 205 nm	94,87 %	≥ 92	
min. transmission at 210 nm	96,07 %	≥ 95	
min. transmission at 220 nm	98,00 %	≥ 98	
max. absorbance at 200 nm	0,040 AU	≤ 0,046	
max. absorbance at 205 nm	0,023 AU	≤ 0,036	
max. absorbance at 210 nm	0,017 AU	≤ 0,022	
max. absorbance at 220 nm	0,009 AU	≤ 0,009	

Microfiltered through membranes of pore diameter 0,22 µm.

Results marked with # are out of specifications.
This certificate does not exempt the user from checking the results upon receipt of the goods.
Any copy of our CoA may be obtained from our website at www.scharlab.com

M. Canet
Laboratory Manager