

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS

Product	Acetonitrile, gradient 240nm/ far UV HPLC grade	Batch	20653603
AC0329		Quality release date	13/03/2020
		Expiry date	03/2025
Analysis	Batch value	Specifications	
Assay (G.C.)	99,99 %	≥ 99,9	
Identity (IR-Spectrum)	passes test	passes test	
Density (20°/4°)	0,7823 g/mL	0,779 - 0,783	
Acidity	0,00017 meq/g	≤ 0,0002	
Alkalinity	0,00001 meq/g	≤ 0,0001	
Residue on evaporation	0,0001 %	≤ 0,0002	
Water (K.F.)	0,0115 %	≤ 0,02	
Gradient grade (240 nm)			
maximum background absorbance:	0,003 AU	≤ 0,01	
maximum peak absorbance:	0,0004 AU	≤ 0,0015	
UV Spectroscopy in a 1,0 cm cell:			
min. transmission at 200 nm	93,25 %	≥ 90	
min. transmission at 205 nm	95,27 %	≥ 92	
min. transmission at 210 nm	96,13 %	≥ 95	
min. transmission at 220 nm	98,00 %	≥ 98	
max. absorbance at 200 nm	0,030 AU	≤ 0,046	
max. absorbance at 205 nm	0,021 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.

For laboratory use only.