

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS**AC0378_25848823/1**

Product	Acetonitrile, HPLC gradient grade	Batch	25848823
AC0378		Quality release date	22/05/2025
		Expiry date	05/2030

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	0,00013 meq/g	≤ 0,0002
Alkalinity	0,00001 meq/g	≤ 0,0001
Residue on evaporation	0,0001 %	≤ 0,0005
Water (K.F.)	0,0059 %	≤ 0,02
Gradient grade (210 nm):		
maximum peak absorbance:	0,0016 AU	≤ 0,003
maximum background absorbance:	0,0075 AU	≤ 0,015
Gradient grade (254 nm):		
maximum peak absorbance:	< 0,0001 AU	≤ 0,0005
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 195 nm	85,81 %	≥ 76
min. transmission at 200 nm	95,71 %	≥ 93
min. transmission at 230 nm	99,00 %	≥ 99
min. transmission at 235 nm	99,00 %	≥ 99
min. transmission at 250 nm	99,24 %	≥ 99
max. absorbance at 195 nm	0,066 AU	≤ 0,119
max. absorbance at 200 nm	0,019 AU	≤ 0,032
max. absorbance at 230 nm	0,004 AU	≤ 0,004
max. absorbance at 235 nm	0,004 AU	≤ 0,004
max. absorbance at 250 nm	0,003 AU	≤ 0,004

Microfiltered through membranes of pore diameter 0,22 µm.

For laboratory use only.