

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS**AC0390_25924121/1**

Product	Acetonitrile, gradient HPLC grade	Batch	25924121
AC0390		Quality release date	23/06/2025
		Expiry date	06/2030

Analysis	Batch value	Specifications
Assay (G.C.)	99,99 %	≥ 99,9
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	0,7819 g/mL	0,779 - 0,783
Acidity	0,00013 meq/g	≤ 0,0002
Alkalinity	0,00001 meq/g	≤ 0,0002
Residue on evaporation	0,0001 %	≤ 0,0001
Water (K.F.)	0,0044 %	≤ 0,02
Gradient grade (210 nm):		
maximum background absorbance:	0,0070 AU	≤ 0,01
maximum peak absorbance:	passes test	passes test
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 193 nm	67,16 %	≥ 60
min. transmission at 195 nm	82,69 %	≥ 80
min. transmission at 230 nm	99,00 %	≥ 98
max. absorbance at 193 nm	0,173 AU	≤ 0,222
max. absorbance at 195 nm	0,083 AU	≤ 0,097
max. absorbance at 230 nm	0,004 AU	≤ 0,009

Suitable for liquid chromatography at 205 nm and at 254 nm.

Microfiltered through membranes of pore diameter 0,22 µm.

For laboratory use only.