

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS**AC0390_25211421/1**

Product	Acetonitrile, gradient HPLC grade	Batch	25211421
AC0390		Quality release date	14/10/2024
		Expiry date	10/2029
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	≤ 0,0002	
Residue on evaporation	0,0001 %	≤ 0,0001	
Water (K.F.)	0,0155 %	≤ 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	71,89 %	≥ 60	
min. transmission at 195 nm	85,80 %	≥ 80	
min. transmission at 230 nm	99,00 %	≥ 98	
max. absorbance at 193 nm	0,143 AU	≤ 0,222	
max. absorbance at 195 nm	0,067 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.