

**Scharlab S.L.**

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

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CERTIFICATE OF ANALYSIS**AC0371_24319020/1**

Product	Acetonitrile, LC-MS	Batch	24319020
AC0371		Quality release date	21/11/2023
		Expiry date	11/2028
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	0,00014 meq/g	≤ 0,0002	
Aluminium (Al)	< 25 ppb	≤ 25	
Barium (Ba)	< 5 ppb	≤ 5	
Cadmium (Cd)	< 5 ppb	≤ 5	
Calcium (Ca)	< 25 ppb	≤ 25	
Chromium (Cr)	< 5 ppb	≤ 5	
Cobalt (Co)	< 5 ppb	≤ 5	
Copper (Cu)	< 5 ppb	≤ 5	
Iron (Fe)	< 5 ppb	≤ 5	
Lead (Pb)	< 5 ppb	≤ 5	
Magnesium (Mg)	< 10 ppb	≤ 10	
Manganese (Mn)	< 5 ppb	≤ 5	
Nickel (Ni)	< 5 ppb	≤ 5	
Potassium (K)	< 10 ppb	≤ 10	
Silver (Ag)	< 5 ppb	≤ 5	
Sodium (Na)	< 50 ppb	≤ 50	
Tin (Sn)	< 5 ppb	≤ 5	
Zinc (Zn)	< 5 ppb	≤ 5	
Residue on evaporation	0,0001 %	≤ 0,0001	
Water (K.F.)	0,0063 %	≤ 0,01	
Suitability for use in LC-MS	passes test	passes test	
UV spectroscopy in a 1,0 cm cell:			
min. transmission at 195 nm	83,85 %	≥ 80	
min. transmission at 200 nm	95,80 %	≥ 95	
min. transmission at 210 nm	97,48 %	≥ 97	
min. transmission at 220 nm	98,53 %	≥ 98	
min. transmission at 230 nm	99,24 %	≥ 99	
max. absorbance at 195 nm	0,076 AU	≤ 0,097	
max. absorbance at 200 nm	0,019 AU	≤ 0,022	
max. absorbance at 210 nm	0,011 AU	≤ 0,013	
max. absorbance at 220 nm	0,006 AU	≤ 0,009	
max. absorbance at 230 nm	0,003 AU	≤ 0,004	
Gradient grade (210 nm):			
maximum background absorbance:	0,0060 AU	≤ 0,012	
maximum peak absorbance:	0,0006 AU	≤ 0,001	
Gradient grade (254 nm):			
maximum peak absorbance:	0,0002 AU	≤ 0,0005	

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

Marta Martínez Casals
Laboratory Technician



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Microfiltered through membranes of pore diameter of 0,1 µm.

For laboratory use only.

A handwritten signature in black ink, appearing to read "Marta", written over a horizontal line.