

**Scharlab S.L.**

Gato Pérez, 33. Pol. Ind. Mas d'en Cisa

08181 Sentmenat

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✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS**AC0371_25100020/1**

Product	Acetonitrile, LC-MS	Batch	25100020
AC0371		Quality release date	09/09/2024
		Expiry date	09/2029
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	0,00014 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.)	0,0075 %	≤ 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	87,63 %	≥ 80	
min. transmission at 200 nm	97,01 %	≥ 95	
min. transmission at 210 nm	98,32 %	≥ 97	
min. transmission at 220 nm	99,01 %	≥ 98	
min. transmission at 230 nm	99,48 %	≥ 99	
max. absorbance at 195 nm	0,057 AU	≤ 0,097	
max. absorbance at 200 nm	0,013 AU	≤ 0,022	
max. absorbance at 210 nm	0,007 AU	≤ 0,013	
max. absorbance at 220 nm	0,004 AU	≤ 0,009	
max. absorbance at 230 nm	0,002 AU	≤ 0,004	
Gradient grade (210 nm):			
maximum background absorbance:	0,0065 AU	≤ 0,012	
maximum peak absorbance:	0,0008 AU	≤ 0,001	
Gradient grade (254 nm):			
maximum peak absorbance:	< 0,0001 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.

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Marta Martínez Casals
Laboratory Technician

A handwritten signature in black ink, appearing to read "Marta", with a stylized flourish at the end.