

**Scharlab S.L.**

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

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CERTIFICATE OF ANALYSIS**AC0155_24151212/1**

Product	Ethyl acetate, Multisolvant® HPLC grade ACS ISO UV-VIS	Batch	24151212
AC0155		Quality release date	25/09/2023
		Expiry date	09/2028
Analysis	Batch value	Specifications	
Assay (G.C.)	99,98 %	≥ 99,8	
Identity (IR-Spectrum)	passes test	passes test	
Density (20°/4°)	0,9007 g/mL	0,900 - 0,902	
Appearance	clear	clear	
Colour (Hazen)	3	≤ 10	
Acidity or alkalinity	< 0,0002 meq/g	≤ 0,0002	
Aluminium (Al)	< 0,1 ppm	≤ 0,1	
Barium (Ba)	< 0,01 ppm	≤ 0,01	
Boron (B)	< 0,02 ppm	≤ 0,02	
Cadmium (Cd)	< 0,01 ppm	≤ 0,01	
Calcium (Ca)	< 0,3 ppm	≤ 0,3	
Chromium (Cr)	< 0,02 ppm	≤ 0,02	
Cobalt (Co)	< 0,02 ppm	≤ 0,02	
Copper (Cu)	< 0,02 ppm	≤ 0,02	
Iron (Fe)	< 0,02 ppm	≤ 0,02	
Lead (Pb)	< 0,1 ppm	≤ 0,1	
Magnesium (Mg)	< 0,1 ppm	≤ 0,1	
Manganese (Mn)	< 0,01 ppm	≤ 0,01	
Nickel (Ni)	< 0,02 ppm	≤ 0,02	
Tin (Sn)	< 0,1 ppm	≤ 0,1	
Zinc (Zn)	< 0,01 ppm	≤ 0,01	
Ethanol (G.C.)	< 0,005 %	≤ 0,1	
Methanol (G.C.)	< 0,001 %	≤ 0,1	
Methyl acetate (G.C.)	< 0,001 %	≤ 0,1	
Substances darkened by H2SO4	passes test	passes test	
Residue on evaporation	0,0001 %	≤ 0,0002	
Water (K.F.)	0,0085 %	≤ 0,03	
Liquid chromatography suitability absorbance	passes test	passes test	
UV Spectroscopy in a 1,0 cm cell:			
min. transmission at 255 nm	27,26 %	≥ 20	
min. transmission at 260 nm	78,83 %	≥ 50	
min. transmission at 263 nm	92,24 %	≥ 80	
min. transmission at 265 nm	96,25 %	≥ 90	
min. transmission at 280 nm	99,88 %	≥ 98	
max. absorbance at 255 nm	0,564 AU	≤ 0,699	
max. absorbance at 260 nm	0,103 AU	≤ 0,301	
max. absorbance at 263 nm	0,035 AU	≤ 0,097	
max. absorbance at 265 nm	0,017 AU	≤ 0,046	
max. absorbance at 280 nm	0,001 AU	≤ 0,009	

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 Martinez Casals
Laboratory Technician



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Microfiltered through membranes of pore diameter 0,22 µm.

For laboratory use only

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Marta Martinez Casals
Laboratory Technician

A handwritten signature in black ink, appearing to be 'Marta' followed by a stylized surname.