

**Scharlab S.L.**

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

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✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS

Product	Ethyl acetate, Multisolvant® HPLC grade ACS ISO UV-VIS	Batch	20388412
AC0155		Quality release date	10/12/2019
		Expiry date	12/2024
Analysis	Batch value	Specifications	
Assay (G.C.)	99,95 %	≥ 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)	1	≤ 10	
Acidity or alkalinity	0,0001 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.)	0,0084 %	≤ 0,1	
Methanol (G.C.)	0,0009 %	≤ 0,1	
Methyl acetate (G.C.)	0,0010 %	≤ 0,1	
Substances darkened by H2SO4	passes test	passes test	
Residue on evaporation	0,0002 %	≤ 0,0002	
Water (K.F.)	0,0132 %	≤ 0,03	
Liquid chromatography suitability absorbance	passes test	passes test	
UV Spectroscopy in a 1,0 cm cell:			
min. transmission at 255 nm	29,27 %	≥ 20	
min. transmission at 260 nm	77,65 %	≥ 50	
min. transmission at 263 nm	89,70 %	≥ 80	
min. transmission at 265 nm	93,15 %	≥ 90	
min. transmission at 280 nm	99,75 %	≥ 98	
max. absorbance at 255 nm	0,534 AU	≤ 0,699	
max. absorbance at 260 nm	0,110 AU	≤ 0,301	
max. absorbance at 263 nm	0,047 AU	≤ 0,097	
max. absorbance at 265 nm	0,031 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

Ricard Balladares Abella
Laboratory Technician



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Microfiltered through membranes of pore diameter 0,22 µm.

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Ricard Balladares Abella
Laboratory Technician

A handwritten signature in black ink, appearing to read "Ricard Balladares Abella".