

CERTIFICATE OF ANALYSIS

AC0155_25934112/1

Product	Ethyl acetate, Multisolvant® HPLC grade ACS ISO UV-VIS	Batch	25934112
AC0155		Quality release date	25/06/2025
		Expiry date	06/2030

Analysis	Batch value	Specifications
Assay (G.C.)	99,98 %	≥ 99,8
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	0,9003 g/mL	0,900 - 0,902
Appearance	clear	clear
Colour (Hazen)	1	≤ 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.)	0,007 %	≤ 0,1
Methanol (G.C.)	< 0,05 %	≤ 0,1
Methyl acetate (G.C.)	< 0,05 %	≤ 0,1
Substances darkened by H2SO4	passes test	passes test
Residue on evaporation	0,0002 %	≤ 0,0002
Water (K.F.)	0,0096 %	≤ 0,03
Liquid chromatography suitability absorbance	passes test	passes test
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 255 nm	27,71 %	≥ 20
min. transmission at 260 nm	80,08 %	≥ 50
min. transmission at 263 nm	91,57 %	≥ 80
min. transmission at 265 nm	95,18 %	≥ 90
min. transmission at 280 nm	98,60 %	≥ 98
max. absorbance at 255 nm	0,557 AU	≤ 0,699
max. absorbance at 260 nm	0,096 AU	≤ 0,301
max. absorbance at 263 nm	0,038 AU	≤ 0,097
max. absorbance at 265 nm	0,021 AU	≤ 0,046
max. absorbance at 280 nm	0,006 AU	≤ 0,009



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Microfiltered through membranes of pore diameter 0,22 µm.

For laboratory use only

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

A handwritten signature in black ink, appearing to be "Marta Martínez Casals".