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CERTIFICATE OF ANALYSIS

ME0306_26137513/1

Product	Methanol, for HPLC 'Supragradient', Reag Ph Eur, Methyl alcohol, Carbinol, Wood alcohol	Batch	26137513
		Quality release date	26/09/2025
ME0306		Expiry date	09/2030

Analysis	Batch value	Specifications
Assay (G.C.)	99,99 %	≥ 99,9
Identity (IR-Spectrum)	passes test	passes test
Density (20º/4º)	0,7913 g/mL	0,790 - 0,792
Density (20º/20º)	0,7927 g/mL	0,791 - 0,793
Colour (Hazen)	2	≤ 10
Acidity	0,00013 meq/g	≤ 0,0002
Alkalinity	0,00001 meq/g	≤ 0,0002
Residue on evaporation	0,0001 %	≤ 0,0001
Water (K.F.)	0,0126 %	≤ 0,02
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 210 nm	56,22 %	≥ 20
min. transmission at 215 nm	70,79 %	≥ 50
min. transmission at 220 nm	79,33 %	≥ 50
min. transmission at 225 nm	85,44 %	≥ 68
min. transmission at 230 nm	90,12 %	≥ 74
min. transmission at 240 nm	95,78 %	≥ 90
min. transmission at 250 nm	98,32 %	≥ 96
min. transmission at 260 nm	99,37 %	≥ 98
min. transmission between 260 and 400 nm	99,37 %	≥ 98
max. absorbance at 210 nm	0,250 AU	≤ 0,700
max. absorbance at 215 nm	0,150 AU	≤ 0,301
max. absorbance at 220 nm	0,101 AU	≤ 0,300
max. absorbance at 225 nm	0,068 AU	≤ 0,170
max. absorbance at 230 nm	0,045 AU	≤ 0,130
max. absorbance at 240 nm	0,019 AU	≤ 0,046
max. absorbance at 250 nm	0,007 AU	≤ 0,020
max. absorbance at 260 nm	0,003 AU	≤ 0,010
max. absorbance at 260 - 400 nm	0,003 AU	≤ 0,010
Gradient grade (235 nm):		
maximum background absorbance:	0,010 AU	≤ 0,015
maximum peak absorbance:	0,0012 AU	≤ 0,0015
Fluorescence analysis: maximum absorbance: 1 ppb as quinine (in 0,1 N sulfuric acid), for the spectra recorded at the following conditions:		
EX wavelength between 220 and 450	passes test	passes test
EM wavelength between 250 and 550	passes test	passes test

Microfiltered through membranes of pore diameter 0,22 µm

Suitable for UPLC

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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ME0306_26137513/1

Methanol for reag. Ph.Eur. R, R1, R2, R3

For laboratory use only

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Marta Martinez Casals
Laboratory Technician