

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS

Product	Methanol, supragradient HPLC grade	Batch	20277613
ME0306		Quality release date	11/11/2019
		Expiry date	11/2024

Analysis	Batch value	Specifications
Assay (G.C.)	99,99 %	≥ 99,9
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	0,7916 g/mL	0,790 - 0,792
Acidity	0,00013 meq/g	≤ 0,0002
Alkalinity	0,00001 meq/g	≤ 0,0002
Residue on evaporation	0,0001 %	≤ 0,0001
Water (K.F.)	0,0200 %	≤ 0,02
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 215 nm	50,00 %	≥ 50
min. transmission at 240 nm	90,00 %	≥ 90
min. transmission at 260 nm	98,00 %	≥ 98
max. absorbance at 215 nm	0,301 AU	≤ 0,301
max. absorbance at 240 nm	0,046 AU	≤ 0,046
max. absorbance at 260 nm	0,009 AU	≤ 0,010
Gradient grade (235 nm):		
maximum background absorbance:	0,015 AU	≤ 0,015
maximum peak absorbance:	0,0014 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