

**Scharlab S.L.**

Gato Pérez, 33. Pol. Ind. Mas d'en Cisa

08181 Sentmenat

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✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS**ME0306_25561313/1**

Product	Methanol, for HPLC 'Supragradient', Reag Ph Eur, Methyl alcohol, Carbinol, Wood alcohol	Batch	25561313
		Quality release date	25/02/2025
ME0306		Expiry date	02/2030

Analysis	Batch value	Specifications
Assay (G.C.)	99,99 %	≥ 99,9
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	0,7914 g/mL	0,790 - 0,792
Density (20°/20°)	0,7928 g/mL	0,791 - 0,793
Colour (Hazen)	1	≤ 10
Acidity	0,00004 meq/g	≤ 0,0002
Alkalinity	0,00001 meq/g	≤ 0,0002
Residue on evaporation	0,0001 %	≤ 0,0001
Water (K.F.)	0,02 %	≤ 0,02

UV Spectroscopy in a 1,0 cm cell:

min. transmission at 210 nm	62,38 %	≥ 20
min. transmission at 215 nm	75,58 %	≥ 50
min. transmission at 220 nm	82,86 %	≥ 50
min. transmission at 225 nm	88,06 %	≥ 68
min. transmission at 230 nm	91,90 %	≥ 74
min. transmission at 240 nm	96,72 %	≥ 90
min. transmission at 250 nm	99,14 %	≥ 96
min. transmission at 260 nm	100,00 %	≥ 98
min. transmission between 260 and 400 nm	100,00 %	≥ 98
max. absorbance at 210 nm	0,205 AU	≤ 0,700
max. absorbance at 215 nm	0,122 AU	≤ 0,301
max. absorbance at 220 nm	0,082 AU	≤ 0,300
max. absorbance at 225 nm	0,055 AU	≤ 0,170
max. absorbance at 230 nm	0,037 AU	≤ 0,130
max. absorbance at 240 nm	0,014 AU	≤ 0,046
max. absorbance at 250 nm	0,004 AU	≤ 0,020
max. absorbance at 260 nm	< 0,001 AU	≤ 0,010
max. absorbance at 260 - 400 nm	< 0,001 AU	≤ 0,010

Gradient grade (235 nm):

maximum background absorbance:	0,013 AU	≤ 0,015
maximum peak absorbance:	0,0011 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



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

For laboratory use only

A handwritten signature in black ink, appearing to be "Marta", written over a horizontal line.