



Scharlab S.L.

Crtra.Polinya a Sentmenat, Km 8,2

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CERTIFICATE OF ANALYSIS

ME0315_24231207/1

Product Methanol, Multisolvent® HPLC grade ACS ISO UV-VIS K.F.		Batch 24231207
ME0315		Quality release date 31/10/2023
		Expiry date 10/2028
Analysis	Batch value	Specifications
Assay (G.C.)	99,99 %	≥ 99,8
Density (20°/20°)	0,7928 g/mL	0,791 - 0,793
Colour (Hazen)	1	≤ 10
Boiling point	64 - 65 ° C	64 - 65
Solubility in water	passes test	passes test
Acidity	0,00005 meq/g	≤ 0,0003
Alkalinity	0,00001 meq/g	≤ 0,0002
Carbonyl compounds	passes test	passes test
Acetone (G.C.)	< 0,001 %	≤ 0,001
Formaldehyde (G.C.)	< 0,001 %	≤ 0,001
Acetaldehyde (G.C.)	< 0,001 %	≤ 0,001
Substances darkened by H2SO4	passes test	passes test
Substances reducing KMnO4	passes test	passes test
Absorbance test	passes test	passes test
Gradient elution test	passes test	passes test
Residue on evaporation	0,0001 %	≤ 0,001
Water (K.F.)	0,0125 %	≤ 0,1
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 205 nm	27,37 %	≥ 10
min. transmission at 210 nm	60,01 %	≥ 20
min. transmission at 220 nm	83,63 %	≥ 50
min. transmission at 225 nm	88,71 %	≥ 68
min. transmission at 230 nm	92,24 %	≥ 74
min. transmission at 240 nm	96,59 %	≥ 80
min. transmission at 250 nm	98,52 %	≥ 96
min. transmission between 260 and 400 nm	99,18 %	≥ 98
max. absorbance at 205 nm	0,563 AU	≤ 1,000
max. absorbance at 210 nm	0,222 AU	≤ 0,700
max. absorbance at 220 nm	0,078 AU	≤ 0,300
max. absorbance at 225 nm	0,052 AU	≤ 0,170
max. absorbance at 230 nm	0,035 AU	≤ 0,130
max. absorbance at 240 nm	0,015 AU	≤ 0,100
max. absorbance at 250 nm	0,006 AU	≤ 0,020
max. absorbance at 260 - 400 nm	0,004 AU	≤ 0,010

ACS, ISO, reag. Ph.Eur. R1, reag. Ph.Eur. R2.

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 Martinez Casals
Laboratory Technician



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Marta Martinez Casals
Laboratory Technician

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