



Scharlab S.L.

Crtra.Polinya a Sentmenat, Km 8,2

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CERTIFICATE OF ANALYSIS

ME0315_23970807/1

Product Methanol, Multisolvant® HPLC grade ACS ISO UV-VIS K.F.		Batch 23970807
ME0315		Quality release date 29/08/2023
		Expiry date 08/2028
Analysis	Batch value	Specifications
Assay (G.C.)	99,99 %	≥ 99,8
Density (20°/20°)	0,7928 g/mL	0,791 - 0,793
Colour (Hazen)	2	≤ 10
Boiling point	64 - 65 ° C	64 - 65
Solubility in water	passes test	passes test
Acidity	0,00004 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.)	0,019 %	≤ 0,1
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 205 nm	19,02 %	≥ 10
min. transmission at 210 nm	47,89 %	≥ 20
min. transmission at 220 nm	74,29 %	≥ 50
min. transmission at 225 nm	81,71 %	≥ 68
min. transmission at 230 nm	97,11 %	≥ 74
min. transmission at 240 nm	94,27 %	≥ 80
min. transmission at 250 nm	97,52 %	≥ 96
min. transmission between 260 and 400 nm	98,57 %	≥ 98
max. absorbance at 205 nm	0,721 AU	≤ 1,000
max. absorbance at 210 nm	0,320 AU	≤ 0,700
max. absorbance at 220 nm	0,129 AU	≤ 0,300
max. absorbance at 225 nm	0,088 AU	≤ 0,170
max. absorbance at 230 nm	0,013 AU	≤ 0,130
max. absorbance at 240 nm	0,026 AU	≤ 0,100
max. absorbance at 250 nm	0,011 AU	≤ 0,020
max. absorbance at 260 - 400 nm	0,006 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 read "Marta", written over a horizontal line.