



Scharlab S.L.

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

+34937456400

helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS

ME0315_23391407/1

Product Methanol, Multisolvant® HPLC grade ACS ISO UV-VIS K.F.		Batch 23391407
ME0315		Quality release date 13/12/2022
		Expiry date 12/2027
Analysis	Batch value	Specifications
Assay (G.C.)	99,99 %	≥ 99,8
Density (20°/20°)	0,7929 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	0,00006 meq/g	≤ 0,0003
Alkalinity	0,00001 meq/g	≤ 0,0002
Carbonyl compounds	passes test	passes test
Acetone (G.C.)	< 0,0010 %	≤ 0,001
Formaldehyde (G.C.)	< 0,0010 %	≤ 0,001
Acetaldehyde (G.C.)	< 0,0010 %	≤ 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.)	0,0065 %	≤ 0,1
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 205 nm	34,79 %	≥ 10
min. transmission at 210 nm	63,54 %	≥ 20
min. transmission at 220 nm	84,11 %	≥ 50
min. transmission at 225 nm	88,97 %	≥ 68
min. transmission at 230 nm	92,38 %	≥ 74
min. transmission at 240 nm	96,78 %	≥ 80
min. transmission at 250 nm	98,28 %	≥ 96
min. transmission between 260 and 400 nm	99,00 %	≥ 98
max. absorbance at 205 nm	0,459 AU	≤ 1,000
max. absorbance at 210 nm	0,197 AU	≤ 0,700
max. absorbance at 220 nm	0,075 AU	≤ 0,300
max. absorbance at 225 nm	0,051 AU	≤ 0,170
max. absorbance at 230 nm	0,034 AU	≤ 0,130
max. absorbance at 240 nm	0,014 AU	≤ 0,100
max. absorbance at 250 nm	0,008 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.