



Scharlab S.L.

Crtra.Polinya a Sentmenat, Km 8,2

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CERTIFICATE OF ANALYSIS

ME0315_23323807/1

Product Methanol, Multisolvant® HPLC grade ACS ISO UV-VIS K.F.		Batch 23323807
ME0315		Quality release date 17/11/2022
		Expiry date 11/2027
Analysis	Batch value	Specifications
Assay (G.C.)	99,99 %	≥ 99,8
Density (20°/20°)	0,7927 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	0,00013 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.)	0,0074 %	≤ 0,1
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 205 nm	24,84 %	≥ 10
min. transmission at 210 nm	52,15 %	≥ 20
min. transmission at 220 nm	76,99 %	≥ 50
min. transmission at 225 nm	85,51 %	≥ 68
min. transmission at 230 nm	90,54 %	≥ 74
min. transmission at 240 nm	95,78 %	≥ 80
min. transmission at 250 nm	98,43 %	≥ 96
min. transmission between 260 and 400 nm	99,33 %	≥ 98
max. absorbance at 205 nm	0,605 AU	≤ 1,000
max. absorbance at 210 nm	0,283 AU	≤ 0,700
max. absorbance at 220 nm	0,114 AU	≤ 0,300
max. absorbance at 225 nm	0,068 AU	≤ 0,170
max. absorbance at 230 nm	0,043 AU	≤ 0,130
max. absorbance at 240 nm	0,019 AU	≤ 0,100
max. absorbance at 250 nm	0,007 AU	≤ 0,020
max. absorbance at 260 - 400 nm	0,003 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

Francisco Javier Ruiz Baena
Laboratory Coordinator



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