



Scharlab S.L.

Crtra.Polinya a Sentmenat, Km 8,2

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CERTIFICATE OF ANALYSIS

ME0315_24538107/1

Product Methanol, Multisolvent® HPLC grade ACS ISO UV-VIS K.F.

Batch 24538107

ME0315

Quality release date 20/02/2024

Expiry date 02/2029

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	0,00013 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.)	0,0128 %	≤ 0,1
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 205 nm	29,72 %	≥ 10
min. transmission at 210 nm	60,92 %	≥ 20
min. transmission at 220 nm	84,14 %	≥ 50
min. transmission at 225 nm	89,45 %	≥ 68
min. transmission at 230 nm	92,53 %	≥ 74
min. transmission at 240 nm	96,53 %	≥ 80
min. transmission at 250 nm	98,63 %	≥ 96
min. transmission between 260 and 400 nm	99,47 %	≥ 98
max. absorbance at 205 nm	0,527 AU	≤ 1,000
max. absorbance at 210 nm	0,215 AU	≤ 0,700
max. absorbance at 220 nm	0,075 AU	≤ 0,300
max. absorbance at 225 nm	0,048 AU	≤ 0,170
max. absorbance at 230 nm	0,034 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	0,002 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.