



Scharlab S.L.

Crtra.Polinya a Sentmenat, Km 8,2

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CERTIFICATE OF ANALYSIS

ME0315_22697907/2

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

Batch 22697907

ME0315

Quality release date 13/05/2022

Expiry date 05/2027

Analysis	Batch value	Specifications
Assay (G.C.)	99,90 %	≥ 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	0,00006 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	27,75 %	≥ 10
min. transmission at 210 nm	59,61 %	≥ 20
min. transmission at 220 nm	82,85 %	≥ 50
min. transmission at 225 nm	88,25 %	≥ 68
min. transmission at 230 nm	92,13 %	≥ 74
min. transmission at 240 nm	96,53 %	≥ 80
min. transmission at 250 nm	98,51 %	≥ 96
min. transmission between 260 and 400 nm	99,12 %	≥ 98
max. absorbance at 205 nm	0,557 AU	≤ 1,000
max. absorbance at 210 nm	0,225 AU	≤ 0,700
max. absorbance at 220 nm	0,082 AU	≤ 0,300
max. absorbance at 225 nm	0,054 AU	≤ 0,170
max. absorbance at 230 nm	0,036 AU	≤ 0,130
max. absorbance at 240 nm	0,015 AU	≤ 0,100
max. absorbance at 250 nm	0,007 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

This certificate modifies and cancels the content of the certificate with name ME0315_22697907/1

Ricard Balladares Abella
Laboratory Technician



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Ricard Balladares Abella
Laboratory Technician

A handwritten signature in black ink, appearing to read "Ricard Balladares Abella".