



Scharlab S.L.

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

+34937456400

helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS

ME0326_23905418/1

Product Methanol, LC-MS, suitable for nitrosamine analysis

Batch 23905418

ME0326

Quality release date 12/06/2023

Expiry date 06/2028

Analysis	Batch value	Specifications
Assay (G.C.)	99,99 %	≥ 99,9
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	0,7916 g/mL	0,790 - 0,792
Acidity	0,00013 meq/g	≤ 0,0002
Alkalinity	0,00001 meq/g	≤ 0,0002
Aluminium (Al)	< 10 ppb	≤ 10
Barium (Ba)	< 5 ppb	≤ 5
Cadmium (Cd)	< 5 ppb	≤ 5
Calcium (Ca)	< 10 ppb	≤ 10
Chromium (Cr)	< 5 ppb	≤ 5
Cobalt (Co)	< 5 ppb	≤ 5
Copper (Cu)	< 5 ppb	≤ 5
Iron (Fe)	< 10 ppb	≤ 10
Lead (Pb)	< 5 ppb	≤ 5
Magnesium (Mg)	< 10 ppb	≤ 10
Manganese (Mn)	< 5 ppb	≤ 5
Nickel (Ni)	< 5 ppb	≤ 5
Potassium (K)	< 10 ppb	≤ 10
Silver (Ag)	< 5 ppb	≤ 5
Sodium (Na)	< 50 ppb	≤ 50
Tin (Sn)	< 5 ppb	≤ 5
Zinc (Zn)	< 10 ppb	≤ 10
Residue on evaporation	0,0001 %	≤ 0,0005
Water (K.F.)	0,0061 %	≤ 0,02
Nitrosamine analysis	passes test	passes test
Suitability for use in LC-MS	passes test	passes test
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 205 nm	23,90 %	≥ 20
min. transmission at 220 nm	76,47 %	≥ 60
min. transmission at 240 nm	95,14 %	≥ 90
min. transmission at 260 nm	99,14 %	≥ 98
max. absorbance at 205 nm	0,622 AU	≤ 0,699
max. absorbance at 220 nm	0,117 AU	≤ 0,222
max. absorbance at 240 nm	0,022 AU	≤ 0,046
max. absorbance at 260 nm	0,004 AU	≤ 0,009
Gradient grade (235 nm):		
maximum peak absorbance:	0,0002 AU	≤ 0,001
Gradient grade (254 nm):		
maximum peak absorbance:	0,0003 AU	≤ 0,0005

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

Ricard Balladares Abella
Laboratory Technician



Scharlab S.L.

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS

ME0326_23905418/1

Microfiltered through membranes of pore diameter 0,1 µm.

For laboratory use only.