

**Scharlab S.L.**

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

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✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS**ME0326_24199618/1**

Product Methanol, LC-MS, suitable for nitrosamine analysis

Batch 24199618

ME0326

Quality release date 11/10/2023

Expiry date 10/2028

Analysis	Batch value	Specifications
Assay (G.C.)	99,99 %	≥ 99,9
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	0,7914 g/mL	0,790 - 0,792
Acidity	0,00004 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.)	0,0127 %	≤ 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	28,51 %	≥ 20
min. transmission at 220 nm	82,30 %	≥ 60
min. transmission at 240 nm	96,22 %	≥ 90
min. transmission at 260 nm	99,42 %	≥ 98
max. absorbance at 205 nm	0,545 AU	≤ 0,699
max. absorbance at 220 nm	0,085 AU	≤ 0,222
max. absorbance at 240 nm	0,017 AU	≤ 0,046
max. absorbance at 260 nm	0,003 AU	≤ 0,009
Gradient grade (235 nm):		
maximum peak absorbance:	0,0007 AU	≤ 0,001
Gradient grade (254 nm):		
maximum peak absorbance:	0,0005 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

Marta Martinez Casals
Laboratory Technician



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Microfiltered through membranes of pore diameter 0,1 µm.

For laboratory use only.

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