Scharlab S.L.
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CERTIFICATE OF ANALYSIS

ME0326_25876918/1

Product Methanol, LC-MS, suitable for nitrosamine analysis
ME0326

Batch 25876918
Quality release date 03/06/2025
Expiry date 06/2030

Analysis	Batch value	Specifications
Assay (G.C.)	99,99 %	≥ 99,9
Identity (IR-Spectrum)	passes test	passes test
Density (20º/4º)	0,7914 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.)	0,0154 %	≤ 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	34,50 %	≥ 20
min. transmission at 220 nm	85,23 %	≥ 60
min. transmission at 240 nm	97,08 %	≥ 90
min. transmission at 260 nm	99,55 %	≥ 98
max. absorbance at 205 nm	0,462 AU	≤ 0,699
max. absorbance at 220 nm	0,069 AU	≤ 0,222
max. absorbance at 240 nm	0,013 AU	≤ 0,046
max. absorbance at 260 nm	0,002 AU	≤ 0,009
Gradient grade (235 nm):		
maximum peak absorbance:	< 0,0001 AU	≤ 0,001
Gradient grade (254 nm):		
maximum peak absorbance:	< 0,0001 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.

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Marta Martinez Casals
Laboratory Technician