



Scharlab S.L.

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

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CERTIFICATE OF ANALYSIS

ME0334_20930329/1

Product Metanol, UHPLC-MS
ME0334

Batch 20930329
Quality release date 17/06/2020
Expiry date 06/2025

Analysis	Batch value	Specifications
Assay (G.C.)	99,98 %	≥ 99,9
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	0,7918 g/mL	0,790 - 0,792
Acidity	0,00013 meq/g	≤ 0,0002
Alkalinity	0,00002 meq/g	≤ 0,0002
Aluminium (Al)	< 0,1 ppm	≤ 0,1
Barium (Ba)	< 0,02 ppm	≤ 0,02
Cadmium (Cd)	< 0,05 ppm	≤ 0,05
Calcium (Ca)	< 0,1 ppm	≤ 0,1
Chromium (Cr)	< 0,02 ppm	≤ 0,02
Cobalt (Co)	< 0,02 ppm	≤ 0,02
Copper (Cu)	< 0,01 ppm	≤ 0,01
Iron (Fe)	< 0,02 ppm	≤ 0,02
Lead (Pb)	< 0,02 ppm	≤ 0,02
Magnesium (Mg)	< 0,02 ppm	≤ 0,02
Manganese (Mn)	< 0,01 ppm	≤ 0,01
Nickel (Ni)	< 0,02 ppm	≤ 0,02
Potassium (K)	< 0,05 ppm	≤ 0,05
Silver (Ag)	< 0,1 ppm	≤ 0,1
Sodium (Na)	< 0,1 ppm	≤ 0,1
Tin (Sn)	< 0,1 ppm	≤ 0,1
Zinc (Zn)	< 0,1 ppm	≤ 0,1
Residue on evaporation	0,0001 %	≤ 0,0001
Water (K.F.)	0,0200 %	≤ 0,02
Suitability for use in UHPLC-MS	passes test	passes test
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 205 nm	27,10 %	≥ 20
min. transmission at 220 nm	82,23 %	≥ 60
min. transmission at 240 nm	96,10 %	≥ 90
min. transmission at 260 nm	98,80 %	≥ 98
max. absorbance at 205 nm	0,567 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	0,005 AU	≤ 0,009
Gradient grade (235 nm):		
maximum peak absorbance:	< 0,001 AU	≤ 0,001
Gradient grade (254 nm):		
maximum peak absorbance:	< 0,0005 AU	≤ 0,0005
UHPLC-MS test ESI+	< 5 ppb Reserpin	≤ 5
UHPLC-MS test ESI-	< 20 ppb Digoxin	≤ 20

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

Sara Garcia Maldonado
Laboratory Technician



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Microfiltered through membranes of pore diameter 0,1 µm.

For laboratory use only

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Sara Garcia Maldonado
Laboratory Technician

A handwritten signature in black ink, appearing to read "Sara Garcia Maldonado", written over a horizontal line.