

**Scharlab S.L.**

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

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✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS**CL0347_22354709/1**Product Dichloromethane, stabilized with approx. 50 ppm of amylene,
Multisolvent® HPLC grade ACS ISO UV-VIS

Batch 22354709

Quality release date 22/12/2021

Expiry date 12/2024

CL0347

Analysis	Batch value	Specifications
Assay (G.C.)	99,99 %	≥ 99,9
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	1,3260 g/mL	1,323 - 1,327
Appearance	clear	clear
Colour (Hazen)	5	≤ 10
Acidity	0,00001 meq/g	≤ 0,0002
Alkalinity	< 0,0002 meq/g	≤ 0,0002
Free chlorine (as Cl)	< 0,00002 %	≤ 0,00002
Chlorides (Cl)	< 0,0001 %	≤ 0,0001
Aluminium (Al)	< 0,1 ppm	≤ 0,1
Barium (Ba)	< 0,01 ppm	≤ 0,01
Boron (B)	< 0,02 ppm	≤ 0,02
Cadmium (Cd)	< 0,01 ppm	≤ 0,01
Calcium (Ca)	< 0,3 ppm	≤ 0,3
Chromium (Cr)	< 0,02 ppm	≤ 0,02
Cobalt (Co)	< 0,02 ppm	≤ 0,02
Copper (Cu)	< 0,02 ppm	≤ 0,02
Iron (Fe)	< 0,02 ppm	≤ 0,02
Lead (Pb)	< 0,1 ppm	≤ 0,1
Magnesium (Mg)	< 0,1 ppm	≤ 0,1
Manganese (Mn)	< 0,01 ppm	≤ 0,01
Nickel (Ni)	< 0,02 ppm	≤ 0,02
Tin (Sn)	< 0,1 ppm	≤ 0,1
Zinc (Zn)	< 0,01 ppm	≤ 0,01
Carbon tetrachloride (G.C.)	< 0,001 %	≤ 0,005
Chloroform (G.C.)	0,0004 %	≤ 0,005
Ethanol (G.C.)	< 0,003 %	≤ 0,02
Methanol (G.C.)	< 0,001 %	≤ 0,01
Formaldehyde	< 0,0005 %	≤ 0,0005
Residue on evaporation	0,0001 %	≤ 0,0002
Water (K.F.)	0,0022 %	≤ 0,01
Liquid chromatography suitability absorbance	passes test	passes test
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 235 nm	46,71 %	≥ 20
min. transmission at 240 nm	78,40 %	≥ 50
min. transmission at 245 nm	91,82 %	≥ 80
min. transmission at 248 nm	95,35 %	≥ 90
min. transmission at 255 nm	98,24 %	≥ 98
max. absorbance at 235 nm	0,331 AU	≤ 0,699
max. absorbance at 240 nm	0,106 AU	≤ 0,301
max. absorbance at 245 nm	0,037 AU	≤ 0,097

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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max. absorbance at 248 nm	0,021 AU	≤ 0,046
max. absorbance at 255 nm	0,008 AU	≤ 0,009

Microfiltered through membranes of pore diameter 0,22 µm.

For laboratory use only.