

**Scharlab S.L.**

Crtra.Polinya a Sentmenat, Km 8,2

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CERTIFICATE OF ANALYSIS**CL0347_23281509/1****Product** Dichloromethane, stabilized with approx. 50 ppm of amylene,
Multisolvent® HPLC grade ACS ISO UV-VIS**Batch** 23281509**Quality release date** 07/11/2022**Expiry date** 11/2025**CL0347**

Analysis	Batch value	Specifications
Assay (G.C.)	99,99 %	≥ 99,9
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	1,3263 g/mL	1,323 - 1,327
Appearance	clear	clear
Colour (Hazen)	2	≤ 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.)	< 0,0002 %	≤ 0,005
Chloroform (G.C.)	< 0,001 %	≤ 0,005
Ethanol (G.C.)	< 0,01 %	≤ 0,02
Methanol (G.C.)	< 0,005 %	≤ 0,01
Formaldehyde	< 0,0005 %	≤ 0,0005
Residue on evaporation	0,0001 %	≤ 0,0002
Water (K.F.)	0,0057 %	≤ 0,01
Liquid chromatography suitability absorbance	passes test	passes test
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 235 nm	48,53 %	≥ 20
min. transmission at 240 nm	80,45 %	≥ 50
min. transmission at 245 nm	93,13 %	≥ 80
min. transmission at 248 nm	96,67 %	≥ 90
min. transmission at 255 nm	99,88 %	≥ 98
max. absorbance at 235 nm	0,314 AU	≤ 0,699
max. absorbance at 240 nm	0,094 AU	≤ 0,301

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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Analysis	Batch value	Specifications
max. absorbance at 245 nm	0,031 AU	≤ 0,097
max. absorbance at 248 nm	0,015 AU	≤ 0,046
max. absorbance at 255 nm	0,001 AU	≤ 0,009

Microfiltered through membranes of pore diameter 0,22 µm.

For laboratory use only.

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Marta Martinez Casals
Laboratory Technician