

**Scharlab S.L.**

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSISProduct Dichloromethane, stabilized with approx. 50 ppm of amylene,
Multisolvant® HPLC grade ACS ISO UV-VIS

Batch 20493509

Quality release date 27/01/2020

Expiry date 01/2023

CL0347

Analysis	Batch value	Specifications
Assay (G.C.)	99,99 %	≥ 99,9
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	1,3262 g/mL	1,323 - 1,327
Appearance	clear	clear
Colour (Hazen)	4	≤ 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)	< 0,00001 %	≤ 0,00001
Barium (Ba)	< 0,000001 %	≤ 0,000001
Boron (B)	< 0,000002 %	≤ 0,000002
Cadmium (Cd)	< 0,000001 %	≤ 0,000001
Calcium (Ca)	< 0,00003 %	≤ 0,00003
Chromium (Cr)	< 0,000002 %	≤ 0,000002
Cobalt (Co)	< 0,000002 %	≤ 0,000002
Copper (Cu)	< 0,000002 %	≤ 0,000002
Iron (Fe)	< 0,000002 %	≤ 0,000002
Lead (Pb)	< 0,00001 %	≤ 0,00001
Magnesium (Mg)	< 0,00001 %	≤ 0,00001
Manganese (Mn)	< 0,000001 %	≤ 0,000001
Nickel (Ni)	< 0,000002 %	≤ 0,000002
Tin (Sn)	< 0,00001 %	≤ 0,00001
Zinc (Zn)	< 0,000001 %	≤ 0,000001
Carbon tetrachloride (G.C.)	< 0,001 %	≤ 0,005
Chloroform (G.C.)	0,0002 %	≤ 0,005
Ethanol (G.C.)	< 0,005 %	≤ 0,02
Methanol (G.C.)	< 0,005 %	≤ 0,01
Formaldehyde	< 0,0005 %	≤ 0,0005
Residue on evaporation	0,0001 %	≤ 0,0002
Water (K.F.)	0,0036 %	≤ 0,01
Liquid chromatography suitability absorbance	passes test	passes test
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 235 nm	48,15 %	≥ 20
min. transmission at 240 nm	79,86 %	≥ 50
min. transmission at 245 nm	93,12 %	≥ 80
min. transmission at 248 nm	96,33 %	≥ 90
min. transmission at 255 nm	98,96 %	≥ 98
max. absorbance at 235 nm	0,317 AU	≤ 0,699
max. absorbance at 240 nm	0,098 AU	≤ 0,301
max. absorbance at 245 nm	0,031 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.comRicard Balladares Abella
Laboratory Technician

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CL0347**Analysis**

max. absorbance at 248 nm

max. absorbance at 255 nm

Batch value

0,016 AU

0,005 AU

Specifications

≤ 0,046

≤ 0,009

Microfiltered through membranes of pore diameter 0,22 µm.

For laboratory use only.

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