

# CERTIFICATE OF ANALYSIS

## CL0347\_24439709/1

 Product Dichloromethane, stabilized with approx. 50 ppm of amylene,  
 Multisolvent® HPLC grade ACS ISO UV-VIS

Batch 24439709

Quality release date 26/01/2024

**CL0347**

Expiry date 01/2027

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)	3	≤ 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.)	< 0,001 %	≤ 0,005
Ethanol (G.C.)	< 0,01 %	≤ 0,02
Methanol (G.C.)	< 0,005 %	≤ 0,01
Formaldehyde	< 0,0005 %	≤ 0,0005
Residue on evaporation	0,0002 %	≤ 0,0002
Water (K.F.)	0,0043 %	≤ 0,01
Liquid chromatography suitability absorbance	passes test	passes test
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 235 nm	47,36 %	≥ 20
min. transmission at 240 nm	78,78 %	≥ 50
min. transmission at 245 nm	92,12 %	≥ 80
min. transmission at 248 nm	95,50 %	≥ 90
min. transmission at 255 nm	98,46 %	≥ 98
max. absorbance at 235 nm	0,325 AU	≤ 0,699
max. absorbance at 240 nm	0,104 AU	≤ 0,301

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max. absorbance at 245 nm	0,036 AU	≤ 0,097
max. absorbance at 248 nm	0,020 AU	≤ 0,046
max. absorbance at 255 nm	0,007 AU	≤ 0,009

Microfiltered through membranes of pore diameter 0,22 µm.

For laboratory use only.

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](http://www.scharlab.com)

Marta Martinez Casals  
Laboratory Technician