

**Scharlab S.L.**

Gato Pérez, 33. Pol. Ind. Mas d'en Cisa

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**CERTIFICATE OF ANALYSIS****CL0347\_25856609/1****Product** Dichloromethane, stabilized with approx. 50 ppm of amylene,  
Multisolvent® HPLC grade ACS ISO UV-VIS**Batch** 25856609**Quality release date** 02/06/2025**Expiry date** 06/2028**CL0347**

| Analysis                                     | Batch value    | Specifications |
|----------------------------------------------|----------------|----------------|
| Assay (G.C.)                                 | 99,99 %        | ≥ 99,9         |
| Identity (IR-Spectrum)                       | passes test    | passes test    |
| Density (20°/4°)                             | 1,3255 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)                               | < 0,1 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.)                               | < 0,005 %      | ≤ 0,02         |
| Methanol (G.C.)                              | < 0,005 %      | ≤ 0,01         |
| Formaldehyde                                 | < 0,0005 %     | ≤ 0,0005       |
| Residue on evaporation                       | 0,0002 %       | ≤ 0,0002       |
| Water (K.F.)                                 | 0,0054 %       | ≤ 0,01         |
| Liquid chromatography suitability absorbance | passes test    | passes test    |
| UV Spectroscopy in a 1,0 cm cell:            |                |                |
| min. transmission at 235 nm                  | 48,93 %        | ≥ 20           |
| min. transmission at 240 nm                  | 80,53 %        | ≥ 50           |
| min. transmission at 245 nm                  | 92,64 %        | ≥ 80           |
| min. transmission at 248 nm                  | 95,74 %        | ≥ 90           |
| min. transmission at 255 nm                  | 98,46 %        | ≥ 98           |
| max. absorbance at 235 nm                    | 0,310 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](http://www.scharlab.com)

Marta Martínez Casals  
Laboratory Technician



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Multisolvent® HPLC grade ACS ISO UV-VIS

Batch 25856609

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CL0347

| Analysis                  | Batch value | Specifications |
|---------------------------|-------------|----------------|
| max. absorbance at 245 nm | 0,033 AU    | ≤ 0,097        |
| max. absorbance at 248 nm | 0,019 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.

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