



**Scharlab S.L.**

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

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## CERTIFICATE OF ANALYSIS

**ME0314\_22894015/1**

Product Methanol, 99,9%, anhydrous (max. 0,003% H<sub>2</sub>O)

Batch 22894015

**ME0314**

Quality release date 20/06/2022

Expiry date 06/2025

| Analysis                    | Batch value   | Specifications |
|-----------------------------|---------------|----------------|
| Assay (G.C.)                | 99,90 %       | ≥ 99,9         |
| Identity (IR-Spectrum)      | passes test   | passes test    |
| Density (20°/4°)            | 0,7914 g/mL   | 0,790 - 0,792  |
| Appearance                  | clear         | clear          |
| Colour (Hazen)              | 2             | ≤ 10           |
| Solubility in water         | passes test   | passes test    |
| Acidity                     | 0,00006 meq/g | ≤ 0,0002       |
| Alkalinity                  | 0,00001 meq/g | ≤ 0,0002       |
| Chlorides (Cl)              | < 0,00005 %   | ≤ 0,00005      |
| Sulfates (SO <sub>4</sub> ) | < 0,0001 %    | ≤ 0,0001       |
| Aluminium (Al)              | < 0,5 ppm     | ≤ 0,5          |
| Arsenic (As)                | < 0,02 ppm    | ≤ 0,02         |
| Barium (Ba)                 | < 0,1 ppm     | ≤ 0,1          |
| Beryllium (Be)              | < 0,02 ppm    | ≤ 0,02         |
| Bismuth (Bi)                | < 0,02 ppm    | ≤ 0,02         |
| Boron (B)                   | < 0,02 ppm    | ≤ 0,02         |
| Cadmium (Cd)                | < 0,05 ppm    | ≤ 0,05         |
| Calcium (Ca)                | < 0,5 ppm     | ≤ 0,5          |
| Chromium (Cr)               | < 0,02 ppm    | ≤ 0,02         |
| Cobalt (Co)                 | < 0,02 ppm    | ≤ 0,02         |
| Copper (Cu)                 | < 0,02 ppm    | ≤ 0,02         |
| Gallium (Ga)                | < 0,02 ppm    | ≤ 0,02         |
| Gold (Au)                   | < 0,02 ppm    | ≤ 0,02         |
| Indium (In)                 | < 0,02 ppm    | ≤ 0,02         |
| Iron (Fe)                   | < 0,1 ppm     | ≤ 0,1          |
| Lead (Pb)                   | < 0,1 ppm     | ≤ 0,1          |
| Lithium (Li)                | < 0,05 ppm    | ≤ 0,05         |
| Magnesium (Mg)              | < 0,1 ppm     | ≤ 0,1          |
| Manganese (Mn)              | < 0,02 ppm    | ≤ 0,02         |
| Molybdenum (Mo)             | < 0,02 ppm    | ≤ 0,02         |
| Nickel (Ni)                 | < 0,02 ppm    | ≤ 0,02         |
| Platinum (Pt) ppm           | < 0,05 ppm    | ≤ 0,05         |
| Silver (Ag)                 | < 0,02 ppm    | ≤ 0,02         |
| Thallium (Tl)               | < 0,02 ppm    | ≤ 0,02         |
| Tin (Sn)                    | < 0,1 ppm     | ≤ 0,1          |
| Titanium (Ti)               | < 0,02 ppm    | ≤ 0,02         |
| Vanadium (V)                | < 0,02 ppm    | ≤ 0,02         |
| Zinc (Zn)                   | < 0,1 ppm     | ≤ 0,1          |
| Zirconium (Zr)              | < 0,02 ppm    | ≤ 0,02         |
| Acetone (G.C.)              | < 0,001 %     | ≤ 0,001        |
| Ethanol (G.C.)              | < 0,05 %      | ≤ 0,05         |

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)

Ricard Balladares Abella  
Laboratory Technician

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|-------------------------------------------------------|-------------|----------------|
| Acetaldehyde (CH <sub>3</sub> CHO)                    | < 0,001 %   | ≤ 0,001        |
| Formaldehyde                                          | < 0,001 %   | ≤ 0,001        |
| Substances darkened by H <sub>2</sub> SO <sub>4</sub> | passes test | passes test    |
| Residue on evaporation                                | 0,0001 %    | ≤ 0,0005       |
| Water (K.F.)                                          | 0,0024 %    | ≤ 0,003        |

For laboratory use only

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