

**Scharlab S.L.**

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

08181 Sentmenat

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✉ helpdesk@scharlab.com

**CERTIFICATE OF ANALYSIS****ME0315\_25132407/1**

Product Methanol, Multisolvant® HPLC grade ACS ISO UV-VIS K.F.

Batch 25132407

**ME0315**

Quality release date 25/09/2024

Expiry date 09/2029

| Analysis                                 | Batch value   | Specifications |
|------------------------------------------|---------------|----------------|
| Assay (G.C.)                             | 99,99 %       | ≥ 99,8         |
| Density (20°/20°)                        | 0,7929 g/mL   | 0,791 - 0,793  |
| Colour (Hazen)                           | 2             | ≤ 10           |
| Boiling point                            | 64 - 65 ° C   | 64 - 65        |
| Solubility in water                      | passes test   | passes test    |
| Acidity                                  | 0,00004 meq/g | ≤ 0,0003       |
| Alkalinity                               | 0,00001 meq/g | ≤ 0,0002       |
| Carbonyl compounds                       | passes test   | passes test    |
| Acetone (G.C.)                           | < 0,001 %     | ≤ 0,001        |
| Formaldehyde (G.C.)                      | < 0,001 %     | ≤ 0,001        |
| Acetaldehyde (G.C.)                      | < 0,001 %     | ≤ 0,001        |
| Substances darkened by H2SO4             | passes test   | passes test    |
| Substances reducing KMnO4                | passes test   | passes test    |
| Absorbance test                          | passes test   | passes test    |
| Gradient elution test                    | passes test   | passes test    |
| Residue on evaporation                   | 0,0001 %      | ≤ 0,001        |
| Water (K.F.)                             | 0,02 %        | ≤ 0,1          |
| UV Spectroscopy in a 1,0 cm cell:        |               |                |
| min. transmission at 205 nm              | 32,49 %       | ≥ 10           |
| min. transmission at 210 nm              | 62,45 %       | ≥ 20           |
| min. transmission at 220 nm              | 83,94 %       | ≥ 50           |
| min. transmission at 225 nm              | 89,11 %       | ≥ 68           |
| min. transmission at 230 nm              | 92,66 %       | ≥ 74           |
| min. transmission at 240 nm              | 96,80 %       | ≥ 80           |
| min. transmission at 250 nm              | 98,61 %       | ≥ 96           |
| min. transmission between 260 and 400 nm | 99,31 %       | ≥ 98           |
| max. absorbance at 205 nm                | 0,488 AU      | ≤ 1,000        |
| max. absorbance at 210 nm                | 0,204 AU      | ≤ 0,700        |
| max. absorbance at 220 nm                | 0,076 AU      | ≤ 0,300        |
| max. absorbance at 225 nm                | 0,050 AU      | ≤ 0,170        |
| max. absorbance at 230 nm                | 0,033 AU      | ≤ 0,130        |
| max. absorbance at 240 nm                | 0,014 AU      | ≤ 0,100        |
| max. absorbance at 250 nm                | 0,006 AU      | ≤ 0,020        |
| max. absorbance at 260 - 400 nm          | 0,003 AU      | ≤ 0,010        |

ACS, ISO, reag. Ph.Eur. R1, reag. Ph.Eur. R2.

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 Martínez Casals  
Laboratory Technician



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Marta Martínez Casals  
Laboratory Technician

A handwritten signature in black ink, appearing to be "Marta", written over a horizontal line.