

**Scharlab S.L.**

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

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

**CERTIFICATE OF ANALYSIS****HE0234\_25159407/1**

Product n-Hexane, 96%, Multisolvant® HPLC grade ACS UV-VIS

Batch 25159407

**HE0234**

Quality release date 26/09/2024

Expiry date 09/2029

| Analysis                                                  | Batch value   | Specifications |
|-----------------------------------------------------------|---------------|----------------|
| Assay (G.C.)                                              | 98 %          | ≥ 96           |
| Identity (IR-Spectrum)                                    | passes test   | passes test    |
| Density (20°/4°)                                          | 0,6599 g/mL   | 0,659 - 0,662  |
| Appearance                                                | clear         | clear          |
| Colour (Hazen)                                            | 3             | ≤ 10           |
| Acidity                                                   | 0,00001 meq/g | ≤ 0,0002       |
| 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)                                            | < 0,01 ppm    | ≤ 0,01         |
| 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         |
| Aromatic Hydrocarbons (as C <sub>6</sub> H <sub>6</sub> ) | 0,00019 %     | ≤ 0,01         |
| Sulfur compounds (as S)                                   | < 0,005 %     | ≤ 0,005        |
| Substances darkened by H <sub>2</sub> SO <sub>4</sub>     | passes test   | passes test    |
| Residue on evaporation                                    | 0,0001 %      | ≤ 0,0002       |
| Water (K.F.)                                              | 0,0042 %      | ≤ 0,005        |
| Liquid chromatography suitability absorbance              | passes test   | passes test    |
| UV Spectroscopy in a 1,0 cm cell:                         |               |                |
| min. transmission at 200 nm                               | 38,44 %       | ≥ 10           |
| min. transmission at 210 nm                               | 75,45 %       | ≥ 40           |
| min. transmission at 217 nm                               | 92,81 %       | ≥ 70           |
| min. transmission at 225 nm                               | 97,22 %       | ≥ 80           |
| min. transmission at 245 nm                               | 99,21 %       | ≥ 98           |
| max. absorbance at 200 nm                                 | 0,415 AU      | ≤ 1,000        |
| max. absorbance at 210 nm                                 | 0,122 AU      | ≤ 0,398        |
| max. absorbance at 217 nm                                 | 0,032 AU      | ≤ 0,155        |
| max. absorbance at 225 nm                                 | 0,012 AU      | ≤ 0,097        |
| max. absorbance at 245 nm                                 | 0,003 AU      | ≤ 0,009        |

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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Microfiltered through membranes of pore diameter 0,22 µm.

For laboratory use only.