

**Scharlab S.L.**

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**CERTIFICATE OF ANALYSIS****TE0223\_21677910/1**Product Tetrahydrofuran, dried (max. 0,005% H<sub>2</sub>O), for analysis, ExpertQ®,  
stabilized with 250 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)

Batch 21677910

Quality release date 19/04/2021

Expiry date 04/2024

**TE0223**

| Analysis                                      | Batch value    | Specifications |
|-----------------------------------------------|----------------|----------------|
| Assay (G.C.)                                  | 99,95 %        | ≥ 99,8         |
| Identity (IR-Spectrum)                        | passes test    | passes test    |
| Density (20°/4°)                              | 0,8877 g/mL    | 0,887 - 0,889  |
| Appearance                                    | clear          | clear          |
| Acidity                                       | 0,00015 meq/g  | ≤ 0,0003       |
| Colour (Hazen)                                | 4              | ≤ 10           |
| Alkalinity                                    | < 0,0002 meq/g | ≤ 0,0002       |
| Aluminium (Al)                                | < 0,5 ppm      | ≤ 0,5          |
| Barium (Ba)                                   | < 0,1 ppm      | ≤ 0,1          |
| 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         |
| Iron (Fe)                                     | < 0,1 ppm      | ≤ 0,1          |
| Lead (Pb)                                     | < 0,1 ppm      | ≤ 0,1          |
| Magnesium (Mg)                                | < 0,02 ppm     | ≤ 0,02         |
| Manganese (Mn)                                | < 0,02 ppm     | ≤ 0,02         |
| Nickel (Ni)                                   | < 0,02 ppm     | ≤ 0,02         |
| Tin (Sn)                                      | < 0,1 ppm      | ≤ 0,1          |
| Zinc (Zn)                                     | < 0,1 ppm      | ≤ 0,1          |
| Peroxides (as H <sub>2</sub> O <sub>2</sub> ) | < 0,005 %      | ≤ 0,005        |
| Residue on evaporation                        | 0,0012 %       | ≤ 0,025        |
| Water (K.F.)                                  | 0,0037 %       | ≤ 0,005        |

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)Sara Garcia Maldonado  
Laboratory Technician