

**Scharlab S.L.**

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**CERTIFICATE OF ANALYSIS****AG0006\_24241204/1**

|         |              |                      |            |
|---------|--------------|----------------------|------------|
| Product | Water, LC-MS | Batch                | 24241204   |
| AG0006  |              | Quality release date | 26/10/2023 |
|         |              | Expiry date          | 10/2024    |

| Analysis                          | Batch value  | Specifications |
|-----------------------------------|--------------|----------------|
| Conductivity (25°C)               | 0,3 µS/cm    | ≤ 1            |
| Chlorides (Cl)                    | < 0,000001 % | ≤ 0,000001     |
| Fluorides (F)                     | < 0,000001 % | ≤ 0,000001     |
| Nitrates (NO3)                    | < 0,00001 %  | ≤ 0,00001      |
| Sulfates (SO4)                    | < 0,00001 %  | ≤ 0,00001      |
| Aluminium (Al)                    | < 10 ppb     | ≤ 10           |
| Barium (Ba)                       | < 5 ppb      | ≤ 5            |
| Cadmium (Cd)                      | < 5 ppb      | ≤ 5            |
| Calcium (Ca)                      | < 20 ppb     | ≤ 20           |
| Chromium (Cr)                     | < 5 ppb      | ≤ 5            |
| Cobalt (Co)                       | < 5 ppb      | ≤ 5            |
| Copper (Cu)                       | < 5 ppb      | ≤ 5            |
| Iron (Fe)                         | < 5 ppb      | ≤ 5            |
| Lead (Pb)                         | < 5 ppb      | ≤ 5            |
| Magnesium (Mg)                    | < 10 ppb     | ≤ 10           |
| Manganese (Mn)                    | < 5 ppb      | ≤ 5            |
| Nickel (Ni)                       | < 5 ppb      | ≤ 5            |
| Potassium (K)                     | < 10 ppb     | ≤ 10           |
| Silver (Ag)                       | < 5 ppb      | ≤ 5            |
| Sodium (Na)                       | < 100 ppb    | ≤ 100          |
| Tin (Sn)                          | < 5 ppb      | ≤ 5            |
| Zinc (Zn)                         | < 5 ppb      | ≤ 5            |
| Residue on evaporation            | 0,0001 %     | ≤ 0,0001       |
| Suitability for use in LC-MS      | passes test  | passes test    |
| UV Spectroscopy in a 1,0 cm cell: |              |                |
| min. transmission at 200 nm       | 99,88 %      | ≥ 95           |
| min. transmission at 230 nm       | 99,88 %      | ≥ 99           |
| max. absorbance at 200 nm         | 0,001 AU     | ≤ 0,022        |
| max. absorbance at 230 nm         | 0,001 AU     | ≤ 0,004        |
| Gradient grade (210 nm):          |              |                |
| maximum peak absorbance:          | 0,0007 AU    | ≤ 0,005        |
| Gradient grade (254 nm):          |              |                |
| maximum peak absorbance:          | 0,0001 AU    | ≤ 0,001        |

Microfiltered through membranes of pore diameter 0,1 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 Martinez Casals  
Laboratory Technician