

**Scharlab S.L.**

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**CERTIFICATE OF ANALYSIS****SO0116\_22369801/1**Product Sodium carbonate anhydrous, for analysis, ExpertQ®, ACS, ISO,  
Reag. Ph EurBatch 22369801  
Quality release date 23/12/2021

Expiry date 12/2028

**SO0116**

| Analysis                                        | Batch value | Specifications |
|-------------------------------------------------|-------------|----------------|
| Assay (Acidimetric, on dried sample)            | 99,92 %     | ≥ 99,8         |
| Identity (IR-Spectrum)                          | passes test | passes test    |
| Insoluble in water                              | < 0,0100 %  | ≤ 0,01         |
| Chlorides (Cl)                                  | < 0,0010 %  | ≤ 0,001        |
| Phosphates (as PO <sub>4</sub> )                | < 0,001 %   | ≤ 0,001        |
| Phosphates and silicates (as SiO <sub>2</sub> ) | < 0,005 %   | ≤ 0,005        |
| Silica (SiO <sub>2</sub> )                      | < 0,005 %   | ≤ 0,005        |
| Total nitrogen (as N)                           | < 0,001 %   | ≤ 0,001        |
| Aluminium (Al)                                  | < 0,001 %   | ≤ 0,001        |
| Arsenic (As)                                    | < 0,6 ppm   | ≤ 1            |
| Calcium (Ca)                                    | < 0,005 %   | ≤ 0,005        |
| Heavy metals (as Pb)                            | < 5 ppm     | ≤ 5            |
| Iron (Fe)                                       | 0,3 ppm     | ≤ 5            |
| Magnesium (Mg)                                  | < 5 ppm     | ≤ 5            |
| Potassium (K)                                   | < 0,005 %   | ≤ 0,005        |
| Sulphur compounds (as SO <sub>4</sub> )         | < 0,003 %   | ≤ 0,003        |
| Loss on drying (300 °C)                         | 0,01 %      | ≤ 1,0          |

For laboratory use only