

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS**PO0275_23996502/1**

| | | | |
|---------------|---|----------------------|------------|
| Product | Potassium hydroxide, pellets, for analysis, ExpertQ®, ACS, ISO, Reag. Ph Eur | Batch | 23996502 |
| | | Quality release date | 13/07/2023 |
| PO0275 | | Expiry date | 07/2028 |

| Analysis | Batch value | Specifications |
|---|----------------------|----------------------|
| Assay (Acidimetric) | 85,67 % | 85,0 - 100,5 |
| pH | 10,85 | ≥ 10,5 |
| Identification B (EP) | passes test | passes test |
| Appearance of solution | clear and colourless | clear and colourless |
| Carbonates (as K ₂ CO ₃) | 0,79 % | ≤ 1,5 |
| Chlorides (Cl) | < 50 ppm | ≤ 50 |
| Phosphates (as PO ₄) | < 5 ppm | ≤ 5 |
| Silicates (SiO ₂) | < 100 ppm | ≤ 100 |
| Sulfates (SO ₄) | < 30 ppm | ≤ 30 |
| Total nitrogen (as N) | < 0,001 % | ≤ 0,001 |
| Aluminium (Al) | < 0,09 ppm | ≤ 20 |
| Calcium (Ca) | < 3,65 ppm | ≤ 20 |
| Heavy metals | < 0,001 % | ≤ 0,001 |
| Iron (Fe) | < 0,92 ppm | ≤ 10 |
| Lead (Pb) | < 0,01 ppm | ≤ 10 |
| Magnesium (Mg) | < 1,43 ppm | ≤ 5 |
| Nickel (Ni) | < 0,61 ppm | ≤ 10 |
| Sodium (Na) | < 500 ppm | ≤ 500 |
| Zinc (Zn) | < 0,85 ppm | ≤ 10 |

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

Marta Martinez Casals
Laboratory Technician