

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS**SO0425_22402002/1**Product Sodium hydroxide, pellets, for analysis, ExpertQ®, ACS, ISO, Reag.
Ph Eur

Batch 22402002

Quality release date 14/01/2022

Expiry date 01/2027

SO0425

Analysis	Batch value	Specifications
Assay (Acidimetric)	98,59 %	≥ 98,5
Identity	passes test	passes test
Appearance of solution	passes test	passes test
Carbonates (as Na ₂ CO ₃)	0,46 %	≤ 1,0
Chlorides (Cl)	< 0,0010 %	≤ 0,001
Phosphates (as PO ₄)	< 4 ppm	≤ 5
Silicates (SiO ₂)	< 0,001 %	≤ 0,001
Sulfates (SO ₄)	< 5 ppm	≤ 5
Ammonium hydroxide precipitate	< 0,02 %	≤ 0,02
Total nitrogen (as N)	< 0,001 %	≤ 0,001
Aluminium (Al)	< 0,2 ppm	≤ 5
Arsenic (As)	< 1 ppm	≤ 1
Calcium (Ca)	< 0,0010 %	≤ 0,001
Copper (Cu)	< 5 ppm	≤ 5
Heavy metals (as Ag)	< 0,002 %	≤ 0,002
Iron (Fe)	1,60 ppm	≤ 5
Lead (Pb)	< 0,4 ppm	≤ 2
Magnesium (Mg)	< 5 ppm	≤ 5
Mercury (Hg)	< 0,1 ppm	≤ 0,1
Nickel (Ni)	1,6 ppm	≤ 5
Potassium (K)	0,0058 %	≤ 0,02
Zinc (Zn)	< 0,001 %	≤ 0,001

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