

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS**SO0131_24789403/1****Product** Sodium hydrogen carbonate, for analysis, ExpertQ®, ACS, ISO,
Reag. Ph Eur**Batch** 24789403**Quality release date** 09/05/2024**Expiry date** 05/2031**SO0131**

Analysis	Batch value	Specifications
Assay (Acidimetric, on dried sample)	99,93 %	99,7 - 100,3
Identity	passes test	passes test
Appearance of solution	passes test	passes test
Insoluble in water	< 0,0150 %	≤ 0,015
pH (5 %, H ₂ O)	8,34	≤ 8,6
Chlorides (Cl)	0,0020 %	≤ 0,002
Phosphates (as PO ₄)	< 0,001 %	≤ 0,001
Phosphates and silicates (as SiO ₂)	< 0,005 %	≤ 0,005
Sulfates (SO ₄)	< 0,015 %	≤ 0,015
Total nitrogen (as N)	< 0,0005 %	≤ 0,0005
Ammonium (NH ₄)	< 0,0005 %	≤ 0,0005
Arsenic (As)	< 0,1 ppm	≤ 2
Calcium (Ca)	< 0,01 %	≤ 0,01
Copper (Cu)	< 2 ppm	≤ 2
Heavy metals (as Pb)	< 5 ppm	≤ 5
Iron (Fe)	0,6 ppm	≤ 5
Lead (Pb)	< 0,1 ppm	≤ 5
Magnesium (Mg)	< 0,005 %	≤ 0,005
Potassium (K)	< 0,005 %	≤ 0,005
Zinc (Zn)	< 5 ppm	≤ 5
Sulphur compounds (as SO ₄)	< 0,003 %	≤ 0,003
Substances reducing iodine	< 0,0065 %	≤ 0,0065
Loss on drying (silica gel)	0,01 %	≤ 0,2

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