

**Scharlab S.L.**

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS

Product Sodium hydrogen carbonate, ExpertQ®, ACS, ISO, Reag. Ph Eur

Batch 20108603

SO0131

Quality release date 04/09/2019

Expiry date 09/2026

Analysis	Batch value	Specifications
Assay (Acidimetric, on dried sample)	99,94 %	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)	8,05	≤ 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)	< 0,00002 %	≤ 0,0002
Calcium (Ca)	< 0,01 %	≤ 0,01
Copper (Cu)	< 0,0002 %	≤ 0,0002
Heavy metals (as Pb)	< 0,0005 %	≤ 0,0005
Iron (Fe)	0,0001 %	≤ 0,0005
Lead (Pb)	< 0,0005 %	≤ 0,0005
Magnesium (Mg)	< 0,005 %	≤ 0,005
Potassium (K)	< 0,005 %	≤ 0,005
Zinc (Zn)	< 0,0005 %	≤ 0,0005
Sulphur compounds (as SO ₄)	< 0,003 %	≤ 0,003
Substances reducing iodine	< 0,0065 %	≤ 0,0065
Loss on drying (silica gel)	0,13 %	≤ 0,2

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

M. Canet
Laboratory Manager