

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS**SO0837_23151303/1**

Product Sodium iodide, for analysis, ExpertQ®, ACS, Reag. Ph Eur

Batch 23151303

SO0837

Quality release date 26/09/2022

Expiry date 09/2027

Analysis	Batch value	Specifications
Assay (Iodometric)	99,58 %	≥ 99,5
Assay (Iodometric, referred to dried sample)	99,69 %	99,0 - 100,5
Identity (IR-Spectrum)	passes test	passes test
Appearance of solution	clear and colourless	clear and colourless
Insoluble in water	< 0,0100 %	≤ 0,01
Alkalinity	passes test	passes test
pH (5 %, H ₂ O)	7,00	6,0 - 9,0
Chlorides and bromides (as Cl)	< 0,01 %	≤ 0,01
Iodates (IO ₃)	< 3 ppm	≤ 3
Iodates (IO ₃)	passes test	passes test
Phosphates (as PO ₄)	< 0,001 %	≤ 0,001
Sulfates (SO ₄)	< 0,0020 %	≤ 0,002
Thiosulfates (S ₂ O ₃)	passes test	passes test
Barium (Ba)	< 0,002 %	≤ 0,002
Calcium (Ca)	< 0,001 %	≤ 0,001
Copper (Cu)	< 1 ppm	≤ 1
Heavy metals (as Pb)	2 ppm	≤ 5
Iron (Fe)	< 5 ppm	≤ 5
Lead (Pb)	< 1 ppm	≤ 1
Magnesium (Mg)	< 0,001 %	≤ 0,001
Nickel (Ni)	< 0,1 ppm	≤ 0,1
Potassium (K)	< 0,01 %	≤ 0,01
Loss on drying (105 °C)	0,01 %	≤ 3,0

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.comSara Garcia Maldonado
Laboratory Technician