

**CERTIFICATE OF ANALYSIS****SO0227\_25580402/1**

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

Batch 25580402

**SO0227**

Quality release date 21/02/2025

Expiry date 02/2035

Analysis	Batch value	Specifications
Assay (Argentometric)	100,07 %	≥ 99,5
Assay (Argentometric, on dried sample)	100,15 %	99,0 - 100,5
Identity	passes test	passes test
Appearance of solution	clear and colourless	clear and colourless
Acidity or alkalinity	passes test	passes test
Insoluble in water	< 0,0050 %	≤ 0,005
pH (5 %, H <sub>2</sub> O)	6,12	5,0 - 8,0
Ferrocyanide	passes test	passes test
Total nitrogen (as N)	< 0,001 %	≤ 0,001
Chlorates and nitrates (as NO <sub>3</sub> )	< 0,003 %	≤ 0,003
Phosphates (as PO <sub>4</sub> )	< 1 ppm	≤ 5
Sulfates (SO <sub>4</sub> )	< 0,0010 %	≤ 0,001
Bromides (Br)	0,0011 %	≤ 0,005
Iodides (I)	passes test	passes test
Arsenic (As)	0,09 ppm	≤ 0,4
Barium (Ba)	passes test	passes test
Calcium (Ca)	< 0,000334 %	≤ 0,002
Copper (Cu)	< 0,03 ppm	≤ 2
Heavy metals	< 5 ppm	≤ 5
Iron (Fe)	0,32 ppm	≤ 1
Magnesium (Mg)	< 0,000007 %	≤ 0,001
Potassium (K)	< 0,000102 %	≤ 0,005
Loss on drying (105 °C, 2h)	0,01 %	≤ 0,5

For laboratory use only