

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS**SO0025_23872902/1****Product** Sodium acetate trihydrate, for analysis, ExpertQ®, ACS, ISO, Reag.
Ph Eur**Batch** 23872902**Quality release date** 31/05/2023**Expiry date** 05/2028**SO0025**

Analysis	Batch value	Specifications
Assay (titration with HClO ₄)	99,32 %	99,0 - 101,0
Assay (titration with HClO ₄ , referred to dried sample)	100,00 %	99,0 - 101,0
Identity (IR-Spectrum)	passes test	passes test
Appearance of solution	clear and colourless	clear and colourless
Insoluble in water	< 0,0050 %	≤ 0,005
pH (5 %, H ₂ O)	8,77	7,5 - 9,0
Chlorides (Cl)	< 5 ppm	≤ 5
Phosphates (as PO ₄)	< 2 ppm	≤ 2
Sulfates (SO ₄)	< 0,002 %	≤ 0,002
Aluminium (Al)	< 0,2 ppm	≤ 5
Arsenic (As)	< 0,2 ppm	≤ 0,2
Calcium (Ca)	< 0,001 %	≤ 0,001
Calcium and magnesium (as Ca)	< 0,0050 %	≤ 0,005
Copper (Cu)	< 3 ppm	≤ 3
Heavy metals (as Pb)	< 5 ppm	≤ 5
Iron (Fe)	< 5 ppm	≤ 5
Lead (Pb)	< 5 ppm	≤ 5
Magnesium (Mg)	< 5 ppm	≤ 5
Potassium (K)	< 0,005 %	≤ 0,005
Zinc (Zn)	< 5 ppm	≤ 5
Reducing substances	passes test	passes test
Substances reducing KMnO ₄ (as HCOOH)	< 0,0050 %	≤ 0,005
Loss on drying (130 °C)	40,16 %	39,0 - 40,5

For laboratory use only.