

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS

Product Sodium hydroxide, pellets, reagent grade, ACS, ISO, Reag. Ph Eur

Batch 19221002

SO0425

Quality release date 30/09/2018

Expiry date 09/2023

Analysis	Batch value	Specifications
Assay (Acidimetric)	98,96 %	≥ 98,5
Identity	passes test	passes test
Appearance of solution	passes test	passes test
Carbonates (as Na ₂ CO ₃)	0,19 %	≤ 1,0
Chlorides (Cl)	< 0,0010 %	≤ 0,001
Phosphates (as PO ₄)	< 0,0004 %	≤ 0,0005
Silicates (SiO ₂)	< 0,0005 %	≤ 0,001
Sulfates (SO ₄)	< 0,0005 %	≤ 0,0005
Ammonium hydroxide precipitate	< 0,02 %	≤ 0,02
Total nitrogen (as N)	< 0,0005 %	≤ 0,0005
Aluminium (Al)	< 0,0005 %	≤ 0,0005
Arsenic (As)	< 0,0001 %	≤ 0,0001
Calcium (Ca)	< 0,0010 %	≤ 0,001
Copper (Cu)	< 0,0005 %	≤ 0,0005
Heavy metals (as Ag)	< 0,002 %	≤ 0,002
Iron (Fe)	< 0,0005 %	≤ 0,0005
Lead (Pb)	< 0,00004 %	≤ 0,0002
Magnesium (Mg)	< 0,0005 %	≤ 0,0005
Mercury (Hg)	< 0,00001 %	≤ 0,00001
Nickel (Ni)	< 0,0003 %	≤ 0,0005
Potassium (K)	< 0,0200 %	≤ 0,02
Zinc (Zn)	< 0,001 %	≤ 0,001