

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS

Product D(+)-Glucose anhydrous, reagent grade, ACS, Reag. Ph Eur

Batch 19014302

GL0127

Quality release date 22/06/2018

Expiry date 06/2025

Analysis	Batch value	Specifications
Identity (IR-Spectrum)	passes test	passes test
specific rotation ($[\alpha]_{25}^{\circ}/D$, c = 10, H ₂ O)	+52,8 °	+52,5 - +53,0
Insoluble in water	< 0,003 %	≤ 0,003
Acidity	0,00080 meq/g	≤ 0,002
Chlorides (Cl)	< 0,0025 %	≤ 0,0025
Sulfates and sulfites (as SO ₄)	< 0,0025 %	≤ 0,0025
Heavy metals (as Pb)	< 0,0005 %	≤ 0,0005
Iron (Fe)	< 0,0005 %	≤ 0,0005
Starch	passes test	passes test
Maltose (TLC)	< 0,2 %	≤ 0,2
Loss on drying (105 °C)	0,10 %	≤ 0,2
Residue on ignition	< 0,01 %	≤ 0,01