

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS

Product Citric acid monohydrate, extra pure, Pharmapur®, Ph Eur, BP, USP

Batch 18979101

AC0720

Quality release date 13/06/2018

Expiry date 06/2023

Analysis	Batch value	Specifications
Assay (Acidimetric, on dried sample)	100,17 %	99,5 - 100,5
Identification	passes test	passes test
Appearance of solution (20 %, H ₂ O)	passes test	passes test
Clarity of solution	passes test	passes test
Oxalic acid (C ₂ H ₂ O ₄)	< 0,0010 %	≤ 0,036
Sulfates (SO ₄)	< 0,015 %	≤ 0,015
Heavy metals (as Pb)	< 0,0001 %	≤ 0,001
Readily carbonizable substances	passes test	passes test
Residue on ignition (as SO ₄)	< 0,05 %	≤ 0,05
Water	8,39 %	7,5 - 9,0

Residual solvents are analysed according to guideline CPMP/ICH/283/95.