

Dr. Paul Lohmann GmbH KG - Postfach 12 20 - D-31857 Emmerthal

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SPAIN

Batch No : **3052100**
Released by : Dr.S.Weigelt
Man. /Release : 05/2018
Expiry/Retest Date : 04/2021

Our. conf. No : **O11804062**
Your order : 4500026837
Quantity : 100.0 kg
Packing Unit : 25.0 kg
DPL-Code No : 503001030
Page : 1(1)
Printing Date : Emmerthal, 05.06.2018

Certificate of Analysis

Citric Acid, anhydrous

Fine cryst., Ph.Eur., USP, E 330, foodgrade

Parameters	Limits	Results
Description	Fine crystals	Fine crystals
Colour	colourless	colourless
Identification	conforms	conforms
Appearance of solution (20 %, Water	conforms	conforms
Readily carbonisable substances	conforms	conforms
Oxalate (C ₂ H ₂ O ₄)	max. 0.01 %	< 0.01 %
Sulfate (SO ₄)	max. 0.015 %	< 0.015 %
Arsenic (As)	max. 0.0001 %	< 0.0001 %
Lead (Pb)	max. 0.5 mg/kg	< 0.5 mg/kg
Mercury (Hg)	max. 0.0001 %	< 0.0001 %
Heavy metals (as Pb)	max. 0.001 %	< 0.001 %
Water (H ₂ O)	max. 0.5 %	0.1 %
Sulfated ash	max. 0.05 %	< 0.05 %
Assay C ₆ H ₈ O ₇ (on anhydrous basis)	99.5-100.5 %	100.0 %

Regarding the Residual Solvents we state herewith, that the controlled production, handling and storage of this material precludes the presence of the organic solvents as specified in Ph.Eur. (ICH 283/95) and USP <467>.

Manufacturer:
S.A. Citrique Belge N.V. - Pastoorijstraat 249 - Tienen - BELGIEN