

Certificate of Analysis Date format DD.MM.YYYY Creation date 13.10.2020 Your order no. 034222 Date 17.09.2020 80844554 | 000030 Delivery note Date of dispatch 13.10.2020 Our reference 787278 | 000030 Date 17.09.2020 Client number 217030 Date of arrival 19.10.2020

Material / Product / Description

100139 / / Citric Acid Anhydrous CAA F0000 in 25 kg bags

Shipping point

Jungbunzlauer Austria AG, Factory Pernhofen, 2064 Wulzeshofen

Batch	Quantity	Date of production 01.10.2020	Date of expiry 10.2023	Production plant, country Pernhofen, AT		Country of Origin
1263214	1,000 KG					AT
Parameter				Specifica	ation	Value
Characteristics						conforms
colourless crystals	or a white, crystalline por	wder; very soluble in wa	ater, freely soluble in etl	nanol (96%), sparingly soluble in	ether	
Odour						conforms
typical, practically	odourless					
Identification						conforms*
Appearance of solution	า					conforms*
clear and colourle	ess					
Clarity of solution						conforms*
Colour of solution						conforms*
Assay			%		100.3	100.0
Nater			%	<	= 0.50	0.05
Readily carbonisable s	substances					conforms*
Calcium			mg/kg	<	= 30	conforms*
Heavy metals			mg/kg	<	= 5	conforms*
ron			mg/kg	<	= 3	conforms*
Arsenic			mg/kg	<	= 1	conforms*
_ead			mg/kg	<	= 0.5	conforms*
Mercury			mg/kg		= 0.5	conforms*
Chloride			mg/kg	<	= 5	conforms*
Oxalic acid / oxalate			mg/kg		= 100	conforms*
Sulphate			mg/kg	<	= 100	conforms*
Residue on ignition			%	<	= 0.05	conforms*
Sulphated ash			%	<	= 0.05	conforms*
Particles > 0.18 mm (n	nesh 80)		%	<	= 20	9

We herewith confirm that this product is specified to meet the requirements of the latest edition of the European Pharmacopoeia (Ph. Eur.), the United States Pharmacopeia (USP), the Food Chemicals Codex (FCC) and of Commission Regulation (EU) No 231/2012. All analytical methods are in accordance with the latest requirements of the Ph. Eur., the USP, the FCC or are equivalent. Test methods are available on request.

QUALITY CONTROL MANAGER

MSc. Carina Pleil

FSSC 22000 certified by Lloyd's RQA- Reg. No. 10282998 Certificate Expiry on Aug. 27th, 2023

 ${\sf GMP+B1+B3} \ \ \text{for feed certified by Lloyd's RQA-Reg. No. VNA0004790} \ \ - \ \ \text{Certificate Expiry on July 31st, 2023}$

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This computer generated certificate is valid without signature.

^{*)} Analysis is confirmed based on In-Process-Control or by random testing.