

A.C.E.F. SpA
 Via Umbria 8/14
 29017 Fiorenzuola d'Arda PC
 Italien

Certificate of Analysis

Date format	DD.MM.YYYY
Creation date	25.10.2022
Your order no.	2022 1091
Date	01.02.2022
Delivery note	80989890 000010
Date of dispatch	25.10.2022
Our reference	876374 000010
Date	01.02.2022
Client number	216959
Date of arrival	28.10.2022

Material / Product / Description

100053 / 000219-25 / Citric Acid Anhydrous CAA F6000 in 25 kg bags

Shipping point

Jungbunzlauer Austria AG, Factory Pernhofen, 2064 Wulzeshofen

Batch	Quantity	Date of production	Date of expiry	Production plant, country	Country of Origin
1285164	6,825 KG	12.09.2022	09.2025	Pernhofen, AT	AT
Parameter	Unit	Specification	Value		
Characteristics				conforms	
colourless crystals or a white, crystalline powder; very soluble in water, freely soluble in ethanol (96%), sparingly soluble in ether					
Odour				conforms	
typical, practically odourless					
Identification				conforms*	
Appearance of solution				conforms*	
clear and colourless					
Clarity of solution				conforms*	
Colour of solution				conforms*	
Assay	%	99,7 - 100,3		100,0	
Water	%	<= 0,50		0,04	
Readily carbonisable substances				conforms*	
Calcium	mg/kg	<= 30		conforms*	
Iron	mg/kg	<= 3		conforms*	
Arsenic	mg/kg	<= 1		conforms*	
Lead	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 > 0.63 mm (mesh 25)	%	<= 10		conforms*	
Particles < 0.20 mm (mesh 100)	%	<= 10		conforms*	

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.

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

QUALITY CONTROL MANAGER

MSc. Carina Pleil
 FSSC 22000 certified by LRQA- Reg. No. 10382348 Certificate Expiry on Aug. 27th, 2023
 GMP+B1+B3 for feed certified by LRQA- Reg. No. 10373162 - Certificate Expiry on July 31st, 2023
 ISO 9001:2015 certified by LRQA - Certificate No. 10370717 Certificate Expiry on July 8th, 2023
 This computer generated certificate is valid without signature.