

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	07.05.2024
Your order no.	2024 2019
Date	26.03.2024
Delivery note	81080024 000030
Date of dispatch	07.05.2024
Our reference	988428 000030
Date	27.03.2024
Client number	216959
Date of arrival	08.05.2024

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
1298979	3,000 KG	26.04.2024	04.2027	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	99,9
Water	%	<= 0,50	0,05
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

Dr. Toda Stankovic
FSSC 22000 certified by LRQA-Cert. No. 10545850 Certificate Expiry on May 31st, 2025
GMP+ for production of feed certified by LRQA-Cert. No. 10541227 - Certificate Expiry on July 31st, 2026
ISO 9001:2015 certified by LRQA-Cert. No. 10534028 Certificate Expiry on July 8th, 2026
This computer generated certificate is valid without signature.