



CHEMNOVATIC

CERTIFICATE OF ANALYSIS

Section 1: Identification of the substance and of the company

1.1. Product identifier.

Commercial name: Citric Acid Monohydrate
Identifier (CAS no.): 5949-29-1
Other name: E330
Production date: 24.06.2021
Expiry Date: 23.06.2023
Batch no.: NBD-CA-0001

1.2. Details of the supplier.

Supplier: CHEMNOVATIC Sp. z o. o. Sp. k.
Address: Dobrzanskiiego 3/BS002, 20-262 Lublin, Poland
Phone: +48 81 475 44 42
e-mail: office@chemnovatic.com

Section 2: Certificate of analysis control

Determined parameter	Unit	Specification	Result
Description	-	Colorless crystals or a white, crystalline powder	Pass
Assay on a dry basis	%	99,5 – 100,5	99,8
Water content	%	7,5 – 8,8 (Karl Fischer method)	8,73
Sulphated ash	%	≤0,05 after calcination at 800 ± 25 °C	<0,03
Arsenic	mg/kg	≤ 1	<0,2
Lead	mg/kg	≤ 0,5	<0,5
Mercury	mg/kg	≤ 1	<0,1
Oxalates	%	≤0,01 expressed as oxalic acid, after drying	<0,002
Readily carbonisable substances/	-	Heat 1 g of powdered sample with 10 ml of 98 % minimum sulphuric acid in a water bath at 90 °C in the dark for one hour. Not more than a pale brown colour should be produced (Matching Fluid K)	Pass
Clarity and color of solution	-	Conforming with the test	Pass
Sulphate	%	≤0,015	<0,002
Calcium	%	≤0,02	< 0,001
Bacterial Endotoxins	Iu/mg	≤0,5	< 0,5
Aluminum	ppm	≤0,2	< 0,2
Heavy metals	ppm	≤5	< 1
Tridodecylamine	mg/kg	≤0,1	<0,1
Particle size		8-40 mesh	



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Section 3: Additional information

Storage: Store in original, properly labeled, tightly closed containers, in a cool, dry, well-ventilated place.

We hereby certify that the product meets the requirements laid down in the above specification.

SAMPLE DOCUMENT