



Bulk Naturals Wholesale LLC

bulknaturalswholesale.com

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CITRIC ACID (ANHYDROUS) NON-GMO USP GRADE

CERTIFICATE OF ANALYSIS

LOT: BN22031059/AP

Manufacture Date: March 31, 2022

Expiration Date: March 30, 2025

QA Signature: Steven Konert

Specification	Unit	Parameter	Result
Appearance	---	White crystalline powders, colorless crystals/granules	Pass
Identification		Pass	Pass
Color & Clarity of Solution		Pass	Pass
Transmittance	%	≥ 96.0	99.0
Assay	%	99.5 - 100.5	99.98
Water	%	≤ 0.5	0.15
Heavy Metals	ppm	≤ 5	1
Oxalate	ppm	≤ 100	30
Sulphate	ppm	≤ 150	10
Calcium	ppm	≤ 75	5
Sulphate Ash	%	≤ 0.05	0.01
Readily Carbonisable Substances	--	Pass	Pass
Aluminum	ppm	≤ 0.2	0.15
Arsenic	ppm	≤ 1	0.1
Bacterial Endotoxins	I.U./MG	≤0.5	0.38
Chloride	ppm	≤ 50	2
Iron	ppm	≤ 5	1
Lead	ppm	≤ 0.5	< 0.5
Mercury	ppm	≤ 1	< 1
Organicvolatile Impurity	---	Pass	Pass
Tridodecylamine	ppm	≤ 0.1	< 0.1
Conclusion	The quality of this LOT of goods conforming with the standard FCC/USP. Analysis is based on production line control or random testing BBFY PO NO.:220096		

Shelf life is guaranteed for three years from the date of production if the product is stored in the unopened original container between 15°C - 30°C, protected from light. Containers that have been opened should be tested at least yearly to ensure potency. Although Bulk Naturals Wholesale LLC. believes the above information to be accurate based on the information available to Bulk Naturals, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to using to verify that the product purchased from Bulk Naturals meets their quality requirements and is appropriate for the use to which the product is to be put. The information provided above shall be considered effective only for the lot with which the information is being provided. Use and purchase of this material are subject to Bulk Naturals Wholesale LLC. standard terms and conditions, which supersede any conflicting terms contained on the Buyer's purchase order or any document or instrument supplied by the Buyer.