

### Certificate of Analysis

**Product:** Citric Acid Granular  
**Item Number:** CTAGF  
**Grade:** USP/FCC  
**Lot Number:** AA-23010107-G  
**Manufacture Date:** 01/18/2023  
**Expiration Date:** 01/17/2026  
**Country of Origin:** United States

Tested Property	Specification	Analysis
Assay	99.5 - 100.5%	99.80%
Mesh Size	12 - 40	12 - 40
Identification	To Pass Test	Pass
Color & Clarity of Solution	To Pass Test	Pass
Moisture	≤0.3%	0.10%
Heavy Metals	≤5 mg/Kg	<3
Oxalate	≤100 mg/Kg	<25
Sulphate	≤150 mg/Kg	<10
Calcium	≤100 mg/Kg	<10
Readily Carbonisable Substances	To Pass Test	Pass
Arsenic	≤1 mg/Kg	<1
Bacterial Endotoxins	≤0.5 I.U./mg	<0.5
Chloride	≤50 mg/Kg	<1
Iron	≤5 mg/Kg	<1
Lead	≤0.5 mg/Kg	<0.5
Mercury	≤1 mg/Kg	<1
Residue of Ignition (Sulfated Ash)	≤0.05%	0.02
Barium	To pass the test	Pass
Nickel	≤1 mg/Kg	<1
Cobalt	≤1 mg/Kg	<1

Phone: 512-668-9918, Fax: 512-886-4008,  
E-mail: [Customerservice@laballey.com](mailto:Customerservice@laballey.com),  
[www.laballey.com](http://www.laballey.com).

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

© copyright: 2023 Lab Alley



Chromium	≤1 mg/Kg	<1
Aluminum	≤0.2 mg/Kg	<0.2

[Citric Acid Granular](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

This document was electronically issued and is therefore valid without a signature.