

Certificate of Analysis

Product: Citric Acid, Anhydrous, Granular, USP/FCC/Food Grade, Kosher, Halal

Item Number: CTAGF

CAS#: 77-92-9

Grade: USP/FCC

Lot Number: 5002155/1.1

Manufacture Date: 01/17/2025

Expiration Date: 01/16/2028

Country of Origin: United States

Tested Property	Specification	Analysis
Clarity and Color of Solution	Pass test	Pass
Content	99.5-100.5%	100.3
Identification	Pass test	Pass
Heavy Metals	Max. 10 ppm	<5
Oxalate/Oxalic Acid	Max. 100 mg/kg	<100
Sulphate	Max. 150 ppm	<150
Arsenic	Max. 1 mg/kg	<1
Lead	Max. 0.5 mg/kg	<0.1
Barium	To Pass Test	Pass
Calcium	Max. 200 ppm	<200
Iron	Max. 50 ppm	<50
Residue on Ignition (Sulfated Ash)	Max. 0.05%	0.01
Chloride	Max. 50 ppm	<50
Bacterial Endotoxins	Max. 0.5 I.U./mg	<0.5
Mercury	Max.1 mg/kg	<1
Aluminium	Max. 0.2 ppm	<0.2
Moisture	Max. 0.5%	0.1
Readily Carbonisable Substances	ABS ≤0.52 TRA ≥30%	<0.52 >30
Isocitric Acid	To Pass the Test	Pass

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Characters Colorless translucent crystals or as white, fine, crystalline powder Pass

Store in a cool, dry, and well-ventilated environment.

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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.

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