LAB ALLEY
ESSENTIAL CHEMICALS

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: 5002742/1.1
Manufacture Date: 05/22/2025
Expiration Date: 05/21/2028
Country of Origin: China

Tested Property	Specification	Analysis
Clarity and Color of Solution	To Pass the Test	Pass
Content	99.5 - 100.5%	100.2%
Identification	Pass test	Pass
Heavy Metals	Max. 10 ppm	<5 ppm
Oxalate/Oxalic Acid	Max. 100 mg/kg	<100 mg/kg
Sulphate	Max. 150 ppm	<150 ppm
Arsenic	Max. 1 mg/kg	<0.1 mg/kg
Lead	Max. 0.5 mg/kg	<0.1 mg/kg
Chloride	Max. 50 ppm	<50 ppm
Bacterial Endotoxins	Max. 0.5 I.U./mg	<0.5 I.U./mg
Mercury	Max. 1 mg/kg	<0.1 mg/kg
Aluminum	Max. 0.2 ppm	<0.2 ppm
Moisture	Max. 0.5%	0.2%
Characteristics	Colorless crystals or as white, fine, crystalline powder	Pass
Residue on Ignition (Sulphated Ash)	Max. 0.05%	0.02%
Mesh Size	As Reported	12 - 40 Mesh
Readily Carbonisable Substances	ABS ≤0.52	<0.52
	TRA ≥30%	>30%
Isocitric Acid	To Pass the Test	Pass
Barium	To Pass the Test	Pass

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Calcium	≤200 ppm	<200 ppm
Iron	≤50 ppm	<50 ppm

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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