

Certificate of Analysis
Product: Citric Acid Granular
Item Number: CTAGF
Grade: USP/FCC
Lot Number: 5001111/1.1
Manufacture Date: 09/25/2024
Expiration Date: 09/24/2027
Country of Origin: Thailand

Tested Property	Specification	Analysis
Assay	99.5 - 100.5%	99.8
Mesh Size	12 - 40	12 - 40
Identification	To Pass Test	Pass
Color & Clarity of Solution	To Pass Test	Pass
Moisture	</=0.3%	0.11
Heavy Metals	</=5 mg/kg	<3
Oxalate	</=100 mg/kg	<25
Sulphate	</=150 mg/kg	<10
Calcium	</=100 mg/kg	<10
Readily Carbonizable 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	<0.03
Mercury	</=0.5 mg/kg	Not detected
Residue of Ignition (Sulfated Ash)	</=0.05%	0.01
Aluminum	</=0.2 mg/kg	Not detected
Barium	To Pass Test	Pass
Nickel	</=1 mg/kg	<0.1

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Cobalt	</=1 mg/kg	Not detected
Chromium	</=1 mg/kg	Not detected

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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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