LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Citric Acid Granular
Item Number: CTAGF
Grade: USP/FCC
Lot Number: 5001737/1.1
Manufacture Date: 11/24/2024
Expiration Date: 11/23/2027
Country of Origin: Thailand

Tested Property	Specification	Analysis
Assay	99.5 - 100.5%	99.82
Identification	To Pass Test	Pass
Moisture	</=0.5%	0.14
Heavy Metals	Max 5 mg/kg	<3
Oxalate	Max 100 mg/kg	<25
Sulfate	Max 150 mg/kg	<10
Arsenic	Max 1 mg/kg	<1
Lead	Max 0.5 mg/kg	Not Detected
Clarity and Color of Solution	To Pass Test	Pass
Barium	To Pass Test	Pass
Calcium	Max 100 mg/kg	<10
Iron	Max 5 mg/kg	<1
Readily Carbonizable Substances	To Pass Test	Pass
Residue on Ignition	Max 0.05%	0.01
Chloride	Max 50 mg/kg	<1
Bacterial Endotoxins	Max 0.5 I.U./mg	<0.5
Nickel	Max 1 mg/kg	Not Detected
Cobalt	Max 1 mg/kg	Not Detected
Mercury	Max 0.5 mg/kg	Not Detected
Chromium	Max 1 mg/kg	Not Detected

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Aluminium	Max 0.2 mg/kg	Not Detected
Mesh Size	12-40	12-40

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.

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