LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Sodium Citrate Dihydrate
Item Number: SOCTGU
Grade: USP/FCC
Lot Number: 5001948/1.1
Manufacture Date: 08/20/2025
Expiration Date: 08/19/2028
Country of Origin: Canada

Tested Property	Specification	Analysis
Characteristics	White granular crystals or a white, crystalline powder, slightly deliquescent in moist air, freely soluble in water, practically insoluble in ethanol (96%)	Conforms
Identification	As reported	Conforms
Assay	99.0 - 100.5%	100.3
Water (Loss on Drying)	11.0 - 13.0%	12.3
pH in 5% solution	7.5 - 9.0	8.4
Readily Carbonisable Substances	As reported	Conforms
Odor	Typical, practically odorless	Conforms
Appearance of Solution	Clear and Colorless	Conforms
Acidity	As reported	Conforms
Alkalinity	As reported	Conforms
Chloride	≤50 mg/kg	Conforms
Arsenic	≤1 mg/kg	Conforms
Lead	≤0.5 mg/kg	Conforms
Mercury	≤0.5 mg/kg	Conforms
Oxalic acid/Oxalate	≤100 mg/kg	Conforms
Sulphate	≤100 mg/kg	Conforms
Tartrate	As reported	Conforms
Particles > Mesh 25 (0.71mm)	≤10%	Conforms

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Particles > 0.60mm	≤10%	0
Particles < 0.20mm	≤15%	7
Particles < Mesh 100 (0.150mm)	≤15%	Pass

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

Sodium Citrate Dihydrate

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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