

Certificate of Analysis**Product: Sodium Citrate Dihydrate USP/FCC Grade****Item Number: SOCTGU****CAS#: 6132-04-3****Grade: USP/FCC****Lot Number: 5002337/7.1****Manufacture Date: 06/30/2026****Expiration Date: 05/29/2031****Country of Origin: India**

Tested Property	Specification	Analysis
Appearance	White granular crystals or white, crystalline powder,	Pass
Solubility	Freely soluble in water	Pass
	Practically insoluble in ethanol and ether	Pass
Identification Test A	To Comply the Test for Sodium Salts	Pass
Identification Test B	To Comply the Test for Citrates	Pass
Identification Test C	Upon ignition, yields alkaline residue that effervesces with 3N HCl	Pass
Assay (By Titration)	99.0 - 100.5%, anhydrous basis	99.36%
Alkalinity	Sample solution is alkaline to litmus paper, after addition of 0.20 mL of 0.10N sulfuric acid, no pink color produced by 1 drop phenolphthalein TS	Pass
Arsenic	NMT 3 ppm	<3 ppm
Heavy Metals	NMT 10 ppm	<10 ppm
Tartrates	No crystalline precipitate formed	Pass
Bulk Density	NLT 0.85 gm/mL	0.92 gm/mL
Tapped Density	NLT 1.1 gm/mL	1.25 gm/mL
Particle Size Analysis	NMT 1.0% Retain on 100 Mesh	0.78%
Water	10.0 - 13.0%	10.45%

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

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