

## Certificate of Analysis

Date of Testing: 2023-10-12 17:05:32  
Date of Next Testing: 2027-10-11 17:05:32  
Product Name: **Sodium citrate dihydrate**  
CAS Number: 6132-04-3  
Specifications & Purity: 99.0%  
Lot #: J2310420  
SKU #: **S116311**  
Analysis: **284679**

Parameter	Limit Values	Result
Sodium(Na)	21.1-24.6 (%)	24.30 %
Purity(Titration by HClO <sub>4</sub> )	99-102.5 (%)	99.97 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Water by Karl Fischer	9.5-14.3 (%)	12.46 %
Appearance (S116311)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless,Clear,100 mg/mL, H <sub>2</sub> O	pass	Pass



John Su  
QA & QC Manager