

## CERTIFICATE OF ANALYSIS

**PRODUCT:** Sodium Citrate Fine Powder  
**CODE :**  
**BATCH NUMBER:** 6ST2212013  
**BATCH SIZE:** 4 X 25 Kg = 100 Kg  
**DATE OF MANUFACTURE:** 01/12/2022  
**BEST BEFORE DATE:** **01/12/2025**  
**CUSTOMER PO:** 20231130PO14

### Analytical Data:

Item	Unit	Quality Standards	Analysis Results
Characters	-	White to almost white, crystalline powder or granular crystals. Slightly deliquescent in moist air. Freely soluble in water, practically insoluble in ethanol.	Pass
Identification	-	Pass Test	Pass
Appearance of Solution	-	Pass Test	Pass
Assay	%	99.0 – 100.5	99.9
Water	%	11.0 – 13.0	12.15
Readily Carbonisable Substances	-	Pass Test	Pass
Acidity or Alkalinity	-	Pass Test	Pass
pH (5% aqueous solution)	-	7.5 – 9.0	8.8
Sulfate	mg/kg	<50	<50
Oxalate	mg/kg	<50	<50
Chloride	mg/kg	<10	<10
Iron	mg/kg	<5	<5
Lead	mg/kg	<0.1	<0.1
Arsenic	mg/kg	<0.1	<0.1
Mercury	mg/kg	<0.1	<0.1
Heavy Metals	mg/kg	<5	<5
Tartrate	-	Pass Test	Pass
Pyrogen	-	Pass Test	Pass
Conclusion:	The product is in conformity with BP/USP/FCC/E331/ENSGN		

**This document certifies that the quality of this product conforms to our Product Specification.**

Certified By: (Technical Manager)

Date: 04/12/2023

Document is electronically generated so no signature is required.

This Certificate of Analysis does not relieve the purchaser from undertaking their own test in order to ensure the suitability of this product for its application and to comply with all relevant legal requirements for any goods into which this product is incorporated.