

CERTIFICATE OF ANALYSIS

Product: Trisodium Citrate Dihydrate 20-100Mesh

Date: FEB.12,2018

Molecular Formula: $C_6H_5Na_3O_7 \cdot 2H_2O$

Quantity: 20000KGS

CAS No.: 6132-04-3

Batch No.: ST1802206

Production Date: FEB.2018

Expiry Date: FEB.2021

ITEM	Quality Standards	Analysis Results
Description	White or almost white, crystalline powder or granular crystals. Slightly deliquescent in moist air. Freely soluble in water, practically insoluble in ethanol	Pass
Identification	Passes Test	Pass
Appearance of solution	Passes Test	Pass
Acidity or Alkalinity	Passes Test	Pass
Aaasy, %	99.0~100.5	99.9
Moisture, %	11.0~13.0	12.1
PH (5% w/v)	7.5-9.0	8.8
Readily Carbonisable Substances	≥ 80	Pass
Sulphate, ppm	≤ 150	<150
Oxalate, ppm	≤ 100	<100
Chlorides, ppm	≤ 50	<50
Lead, ppm	≤ 1	<1
Arsenic, ppm	≤ 1	<1
Mercury, ppm	≤ 1	<1
Heavy Metals, ppm	≤ 10	<10
Tartrate	Passes Test	Pass
Pyrogen	Passes Test	Pass
Conclusion:	The product is in conformity with BP/USP/FCC/E331	