


**WEIFANG ENSIGN INDUSTRY CO., LTD.**

NO.1567,CHANGSHENG STREET,CHANGLE,WEIFANG,262499,SHANDONG PROVINCE,CHINA

Tel: +86-536-6298125 Fax: +86-536-6234587

**Certificate of Analysis**

Report NO: YXPG-2021121834

YXSY-R-PG-042

Product: Trisodium Citrate Dihydrate 30-100 MESH BP/USP/FCC/E331

Date: DEC.18,2021

 Molecular Formula:  $C_6H_5Na_3O_7 \cdot 2H_2O$ 

Invoice No.: FZFQ210913B

CAS No.: 6132-04-3

Batch No.: ST2111241

Production Date: 24.11.2021

Expiry Date: 23.11.2024

Quantity: 50MT

NCM CODE: 2918.15.00

ITEM	Unit	Quality Standards	Analysis Results
Characters	---	White or 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	12.0
Readily Carbonisable Substances	---	Pass Test	Pass
Acidity or Alkalinity	---	Pass Test	Pass
pH (5 % aqueous solution)	---	7.5~9.0	8.2
Sulfate	mg/kg	$\leq 150$	<150
Oxalate	mg/kg	$\leq 100$	<100
Chloride	mg/kg	$\leq 50$	<50
Lead	mg/kg	$\leq 1$	<1
Arsenic	mg/kg	$\leq 1$	<1
Mercury	mg/kg	$\leq 1$	<1
Heavy Metals	mg/kg	$\leq 10$	<10
Tartrate	---	Pass Test	Pass
Pyrogen	---	Pass Test	Pass
Conclusion: The product is in conformity with BP/USP/FCC/E331.			

Signature &amp; Stamp:



Analysis date: NOV 25,2021