ENSIGN

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Certificate of Analysis

Report NO.:YXITCR-20260420044-01

Date:APR.18,2026

Product:TRISODIUM CITRATE DIHYDRATE 20-100 MESH BP/EP/USP/FCC/E331

Invoice No.:FDYL260325B

Molecular Formula:$C_6H_5Na_3O_7 \cdot 2H_2O$

CAS No.:6132-04-3

Quantity:52MT

Batch No.:5ST2604007

Production Date:APR.2026

Shelf Life:36months

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	99.7
Water	%	11.0-13.0	12.26
Readily Carbonisable Substances	-	Pass Test	Pass
Acidity or Alkalinity	-	Pass Test	Pass
pH（5 % aqueous solution）	-	7.5-9.0	8.4
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

Conclusion:The product is in conformity with BP/EP/USP/FCC/E331/ENSIGN.

Approved by: 陈立刚

Authorized signatory

Reviewed by: 曹晓娟

Prepared by: 李金艳

Analysis date:2026-04-11