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Certificate of Analysis

Report NO.:YXITCR-20221031122-01

Date:OCT.26.2022

Product:TRISODIUM CITRATE DIHYDRATE 12-40 MESH BP/USP/FCC/E331

Invoice No.:FLIQ220914A

Molecular Formula: $C_6H_5Na_3O_7 \cdot 2H_2O$

CAS No.:6132-04-3

Quantity:28MT

Batch No.:5SZ2210012

Production Date:OCT.2022

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	99.8
Water	%	11.0-13.0	12.27
Readily Carbonisable Substances	-	Pass Test	Pass
Acidity or Alkalinity	-	Pass Test	Pass
pH (5 % aqueous solution)	-	7.5-9.0	8.6
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/ENSIGN.

Approved by: 陈立刚

Reviewed by: 曹廷鹤

Prepared by: 刘瑞菊

Authorized signatory

Analysis date:2022-10-21

