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Certificate of Analysis

Report NO.:YXITCR-20250412037-01

Date:APR.11,2025

Product:CITRIC ACID MONOHYDRATE 8-40 MESH BP/USP/FCC/E330

Invoice No.:FLJJ250318A

Molecular Formula: $C_6H_8O_7 \cdot H_2O$

CAS No.:5949-29-1

Quantity:6.825MT

Batch No.:6MT2504019

Production Date:APR.2025

Shelf Life:36months

Item	Unit	Quality Standards	Analysis Results
Characters	-	White or almost white, crystalline powder, colourless crystals or granules. Odorless, has a strongly acid taste. Very soluble in water, freely soluble in ethanol,very slightly soluble in diethyl ether.	Pass
Identification	-	Pass Test	Pass
Appearance of solution	-	Pass Test	Pass
Assay	%	99.5-100.5	99.9
Water	%	7.5-8.8	8.70
Readily Carbonisable Substances	-	Pass Test	Pass
Sulphated Ash (Residue on Ignition)	%	≤ 0.05	0.02
Sulfate	mg/kg	≤ 50	< 50
Oxalate	mg/kg	≤ 50	< 50
Chloride	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
Aluminium	mg/kg	≤ 0.2	< 0.2
Heavy Metals	mg/kg	≤ 5	< 5
Bacterial endotoxins	IU/mg		< 0.5

Conclusion:The product is in conformity with BP/USP/FCC/E330/ENSIGN.

Approved by: 陈立刚

Reviewed by: 曹廷杰

Prepared by: 冯金艳

Authorized signatory

Analysis date:2025-04-09

