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Certificate of Analysis

Report NO.:YXITCR-20240304058-01

Date:MAR.01,2024

Product:CITRIC ACID ANHYDROUS 30-100MESH BP/USP/FCC/E330

Invoice No.:FZQJ240111C1

Molecular Formula: $C_6H_8O_7$

CAS No.:77-92-9

Quantity:104MT

Batch No.:2AX2402236

Production Date:FEB.2024

Expiry Date:FEB.2027

Item	Unit	Quality Standards	Analysis Results	Test Method
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	BP
Identification	-	Pass Test	Pass	ENSIGN
Appearance of solution	-	Pass Test	Pass	BP
Assay	%	99.5-100.5	100.0	ENSIGN
Water	%	≤ 0.5	0.07	BP
Readily Carbonisable Substances	-	Pass Test	Pass	BP/FCC
Sulphated Ash (Residue on Ignition)	%	≤ 0.05	0.02	ENSIGN
Sulfate	mg/kg	≤ 50	< 50	ENSIGN
Oxalate	mg/kg	≤ 50	< 50	ENSIGN
Chloride	mg/kg	≤ 5	< 5	ENSIGN
Lead	mg/kg	≤ 0.1	Not detected (< 0.02)	ENSIGN
Arsenic	mg/kg	≤ 0.1	Not detected (< 0.010)	ENSIGN
Mercury	mg/kg	≤ 0.1	Not detected (< 0.003)	ENSIGN
Aluminium	mg/kg	≤ 0.2	< 0.2	ENSIGN
Heavy Metals	mg/kg	≤ 5	< 5	ENSIGN
Bacterial endotoxins	IU/mg	< 0.5	< 0.5	BP

Conclusion:The product is in conformity with BP/USP/FCC/E330/ENSIGN and other standard of customer requirements.

Approved by: 陈立刚

Reviewed by: 康建梅

Prepared by: 刘锦菊

Authorized signatory

Analysis date:2024-02-17

