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Certificate of Analysis

Report NO.:YXITCR-20230303105-01

Report Date: 2023-03-03

Product: Citric Acid Monohydrate

Molecular Formula: C₆H₈O₇·H₂O

CAS No.: 5949-29-1

Analysis Date: 2023-03-03

Batch No.: 2MT2303002

Production Date: 2023-03-02

Shelf Life: 36months

Quantity: 100MT

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	100.0
Water	%	7.5-8.8	8.67
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	<0.5

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

Approved by: 陈立刚

Reviewed by: 陈立刚

Prepared by: 刘锦菊

Authorized signatory

