

# Certificate of Analysis

Report NO.:YXPG-2019111223

YXSY-ZG-03-R-044

Product: Citric Acid Monohydrate 8-40 MESH

Date: NOV.11.2019

Molecular Formula:  $C_6H_8O_7 \cdot H_2O$

Invoice no.:FLJU191026A

CAS No.:5949-29-1

Batch No.:1MT1911201

Production Date: NOV.2019

Expiry Date: NOV.2022

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. effloresces in dry air. Very soluble in water, freely soluble in ethanol.	Pass
Identification	----	Pass Test	Pass
Appearance of solution	----	Pass Test	Pass
Assay	%	99.5~100.5	99.9
Water	%	7.5~8.8	8.6
Readily Carbonisable Substances	----	Pass Test	Pass
Sulphated Ash (Residue on Ignition)	%	$\leq 0.05$	0.02
Sulfate	mg/kg	$\leq 150$	<150
Oxalate	mg/kg	$\leq 100$	<100
Lead	mg/kg	$\leq 0.5$	<0.5
Arsenic	mg/kg	$\leq 1$	<1
Mercury	mg/kg	$\leq 1$	<1
Aluminium	mg/kg	$\leq 0.2$	<0.2
Heavy Metals	mg/kg	$\leq 10$	<10
Bacterial endotoxins	IU/mg	<0.5	<0.5
Conclusion: The product is in conformity with BP/USP/FCC/E330.			

Signature & Stamp

