



# WEIFANG ENSIGN INDUSTRY CO., LTD.

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## Certificate of Analysis

Report NO.:YXPG-2021052910

YXSY-R-PG-040

Product:Citric Acid Monohydrate 8-40MESH BP/USP/FCC/E330

Date: MAY 26,2021

Molecular Formula: C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>•H<sub>2</sub>O

Invoice No.:FLIQ210514G

CAS No.:5949-29-1

Batch No.:3MT2105010

Production Date: MAY 2021

Expiry Date: MAY 2024

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	8.7
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.			

Signature & Stamp:



Analysis date: MAY 07,2021