



WEIFANG ENSIGN INDUSTRY CO., LTD.

NO.1567,CHANGSHENG STREET,CHANGLE,WEIFANG,SHANDONG PROVINCE,CHINA

Certificate of Analysis

Report NO. YXPG-2021120502
Product: Citric Acid Monohydrate
Molecular Formula: $C_6H_8O_7 \cdot H_2O$
CAS No. 5949-29-1
Production Date: DEC.2021
Quantity: 100MT

YXSY-R-PG-040
Date: DEC.05,2021

Batch No. 1MT2112002
Expiry Date: DEC.2024

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	≤ 150	<150
Oxalate	mg/kg	≤ 100	<100
Lead	mg/kg	≤ 0.5	<0.5
Arsenic	mg/kg	≤ 1	<1
Mercury	mg/kg	≤ 1	<1
Aluminium	mg/kg	≤ 0.2	<0.2
Heavy Metals	mg/kg	≤ 10	<10
Bacterial endotoxins	IU/mg	<0.5	<0.5

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

Signature & Stamp:



Analysis date: DEC. 02, 2021