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Certificate of Analysis

YXSY-ZG-03-R-044

Product: Citric Acid Monohydrate 8-40 MESH

Molecular Formula: $C_6H_8O_7 \cdot H_2O$

Production Date: AUG. 2021

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/FCG/E330.			

Signature & Stamp:

王祖明