

CERTIFICATE OF ANALYSIS

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CITRIC ACID MONOHYDRATE

Product Information

Batch No. MZZ-2502-058

Quantity 200MT

Manufacturing Date 18.02.2025

Expiry Date 17.02.2028

Chemical Formula $C_6H_8O_7 \times H_2O$

CAS No. 5949-29-1

EINECS No. 201-069-1

Country of Origin China

E-code E330

ANALYSIS RESULTS

Test Item	Specification	Result	Status
Appearance	Colorless crystals or white, crystalline powder	Conforms	PASS
Identification	Conforming with the test	Conforms	PASS
Clarity and color of solution	Conforming with the test	Conforms	PASS
Water content	7.5-8.8%	8.77%	PASS
Assay (Citric Acid Monohydrate)	99.5-100.5%	100.0%	PASS
Readily Carbonizable Substances	≤1	0.4	PASS

Test Item	Specification	Result	Status
Sulfate (SO ₄)	≤0.015%	<0.002%	PASS
Oxalates	≤0.01%	<0.002%	PASS
Calcium (Ca)	≤0.02%	<0.001%	PASS
Chloride (Cl)	≤0.005%	<0.0005%	PASS
Heavy metals	≤5 ppm	<1 ppm	PASS
Aluminum (Al)	≤0.2 ppm	<0.2 ppm	PASS
Lead (Pb)	≤0.5 mg/kg	<0.5 mg/kg	PASS
Arsenic (As)	≤1 mg/kg	<0.2 mg/kg	PASS
Mercury (Hg)	≤1 mg/kg	<0.1 mg/kg	PASS
Sulfated Ash	≤0.05%	<0.03%	PASS
Bacterial Endotoxins	≤0.5 IU/mg	<0.5 IU/mg	PASS
Tridodecylamine	≤0.1 mg/kg	<0.1 mg/kg	PASS
Mesh size	-	8-40 Mesh	PASS

CONCLUSION

This batch conforms to the standards of BP2012/USP35/FCC8/E330/EP9.0/GB1886.235-2016.

CERTIFICATION

This Certificate of Analysis is based on the documentation provided by the manufacturer.

Prepared by

Approved by

Quality Control Department Technical Director

Date: 08.05.2025

Date: 08.05.2025

This is an electronically generated document and does not require a signature

M25-FTP092