



SHANDONG ENSIGN INDUSTRY CO.,LTD.

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Certificate of Analysis

Report NO.:YXITCR-20251225118-01

Date:DEC.23,2025

Product:CITRIC ACID MONOHYDRATE 8-40MESH NOT FOR MEDICINAL USE

Invoice No.:FHKYIN251211B

Molecular Formula:C₆H₈O₇·H₂O

CAS No.:5949-29-1

Quantity:59MT

Batch No.:6MT2512032

Production Date:DEC.2025

Shelf Life:36months

CONTAINER NO.:EGSU3676546/EMCU6375038/EGSU3660576

Item	Unit	Quality Standards	Analysis Results
Characters	-	White or almost white, crystalline powder, colourless crystals or granules. Odorless, has a strongly acid taste. Very soluble in water, freely soluble in ethanol.very slightly soluble in diethyl ether.	Pass
Identification	-	Pass Test	Pass
Appearance of solution	-	Pass Test	Pass
Assay	%	99.5-100.5	99.8
Water	%	7.5-8.8	8.70
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 standard.

Approved by: 陈立刚

Reviewed by: 陈立刚

Prepared by: 刘锦菊

Authorized signatory

Analysis date:2025-12-17

