



SHANDONG ENSIGN INDUSTRY CO.,LTD.

NO.1567,CHANGSHENG STREET,CHANGLE,WEIFANG,262499,SHANDONG PROVINCE,CHINA

Tel: +86-536-6298125 Fax: +86-536-6234587

Certificate of Analysis

Report NO.:YXITCR-20250524030-01

Date:MAY 19,2025

Product:CITRIC ACID ANHYDROUS 30-100 MESH BP/USP/FCC/E330

Invoice No.:FTQJ250403E

Molecular Formula: $C_6H_8O_7$

CAS No.:77-92-9

Quantity:22.5MT

Batch No.:3AX2505007

Production Date:MAY 2025

Shelf Life:36months

PO NO.: 834403/834406/834410/834398

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	100.0
Water	%	≤ 0.5	0.07
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/EP/USP/FCC/E330/ENSIGN.

Approved by:

Reviewed by:

Prepared by:

Authorized signatory

Analysis date:2025-05-12

