

**SHANDONG ENSIGN INDUSTRY CO.,LTD.**

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Certificate of Analysis

Report NO.:YXITCR-20220711005-01

Date:JUL.04,2022

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

Invoice No.:FZFQ211015B1

Molecular Formula: $C_6H_8O_7$

CAS No.:77-92-9

Quantity:75MT

Batch No.:2AX2206226

Production Date:08.06.2022

Expiry Date:07.06.2025

NCM CODE:2918.14.00

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	0.11
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	10mg	<0.5	<0.5

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

Approved by: 陈立刚

Reviewed by: 陈立刚

Prepared by: 刘锦菊

Authorized signatory

Analysis date:2022-06-24

