



ONEU2072536 / THBI86024



COFCO BIOCHEMICAL (THAILAND) CO.,LTD

Certificate of Analysis For Citric Acid Anhydrous

Production Date: Apr 24,2025

Expiry Date: Apr 23,2028

Date of Analysis : Apr 25,2025

Quantity: 19.958 MT

Lot No: AA-25040805-FG

CAS#77-92-9

Invoice# : E25413

NO.	TEST ITEM	SPECIFICATION	TEST RESULTS
1	DESCRIPTION	COLOURLESS CRYSTALS OR WHITE CRYSTALLINE POWDER	COLOURLESS CRYSTALS OR WHITE CRYSTALLINE POWDER
2	IDENTIFICATION	PASS TEST	PASS TEST
3	CLARITY & COLOR OF SOLUTION	PASS TEST	PASS TEST
4	BARIUM	PASS TEST	PASS TEST
5	ASSAY	99.50 – 100.50%	99.84
6	MOISTURE	≤ 0.30%	0.10
7	CALCIUM	≤ 100 mg/kg	< 10
8	IRON	≤ 5 mg/kg	< 1
9	ARSENIC	≤ 1 mg/kg	< 1
10	OXALATE	≤ 100 mg/kg	< 25
11	HEAVY METALS (as Pb)	≤ 5 mg/kg	< 3
12	READILY CARBONISABLE SUBSTANCES	PASS TEST	PASS TEST
13	SULPHATE	≤ 150 mg/kg	< 10
14	SULPHATED ASH/ RESIDUE ON IGNITION	≤ 0.05%	0.01
15	CHLORIDE	≤ 50 mg/kg	< 1
16	BACTERIAL ENDOTOXINS	≤ 0.5 IU/mg	< 0.5
17	NICKEL	≤ 1 mg/kg	Not detected
18	COBALT	≤ 1 mg/kg	Not detected
19	MERCURY	≤ 0.5 mg/kg	Not detected
20	LEAD	≤ 0.5 mg/kg	Not detected
21	CHROMIUM	≤ 1 mg/kg	Not detected
22	ALUMINIUM	≤ 0.2 mg/kg	Not detected
23	MESH SIZE	30-80	30-80

Conclusion: The product meets the specification of USP45/NF40/BP2023/FCC13/E330/EP10 requirements

Analyst: Ketsirin

Checker: Rinraanee

Approved By: Titichaya

Stamp:

