

## **CERTIFICATE OF ANALYSIS**

**PRODUCT:** Citric Acid Anhydrous Powder

**CODE :**

**BATCH NUMBER:** 40200447

**BATCH SIZE:** 2 X 25 Kg = 50 Kg

**DATE OF MANUFACTURE:** 02/02/2024

**BEST BEFORE DATE:** **02/02/2027**

**CUSTOMER PO:** 20240605PO10

### **Analytical Data:**

<b>Attribute</b>	<b>Product Specification</b>	<b>Retained Sample</b>	<b>TEST METHOD</b>
Characters	Colourless Translucent Crystals or as White, Fine, Crystalline Powder	Colourless Translucent Crystals or as White, Fine, Crystalline Powder	FCC
Identification	Pass Test	Passes Test	EP
Clarity & Color of Solution	Pass Test	Passes Test	BP
Content	99.5 – 100.5 %	100.0 %	BP
Moisture	≤ 0.5 %	0.1 %	FCC
Oxalate/Oxalic Acid	≤ 100mg/kg	< 100mg/kg	FAO/WHO CCFAS Vol.4
Sulphate	≤ 150 ppm	< 150 ppm	BP
Readily Carbonisable Substances	ABS ≤ 0.52	< 0.52	FCC
	TRA ≥ 30 %	>30 %	
Residue on Ignition (Sulphated Ash)	≤ 0.05 %	0.01 %	FCC
Heavy Metals	≤ 10 ppm	<5 ppm	IP
Arsenic	≤ 1 mg/kg	< 0.1 mg/kg	IP
Lead	≤ 0.5 mg/kg	< 0.1 mg/kg	FCC
Mercury	≤ 1 mg/kg	< 0.1 mg/kg	GB 5009.17
Aluminium	≤ 0.2 ppm	< 0.2 ppm	BP
Isocitric Acid	Pass Test	Passes Test	JSFA
Bacterial Endotoxins	<0.5IU/mg	<0.5IU/mg	BP
Barium	Pass Test	Passes Test	IP
Calcium	≤ 200 ppm	< 200 ppm	IP
Iron	≤ 50 ppm	< 50 ppm	IP
Chloride	≤ 50 ppm	< 50 ppm	IP
Mesh Size	/	30-100 Mesh	/

**This document certifies that the quality of this product conforms to our Product Specification.**

**Certified By:** (Technical Manager)

**Date:** 05/06/2024

Document is electronically generated so no signature is required.

This Certificate of Analysis does not relieve the purchaser from undertaking their own test in order to ensure the suitability of this product for its application and to comply with all relevant legal requirements for any goods into which this product is incorporated.