Product Specification Sheet

1. Product Description

Product Name:	Citric Acid Anhydrous — Bulk Food Grade
Chemical / Common Name:	Citric acid, anhydrous
Synonyms:	Anhydrous citric acid, E330
Ingredient Statement:	Citric acid
Molecular Formula / Weight:	C6H8O7 / 192.12 g/mol
CAS No. / HS Code:	77-92-9 / 2918.14
Grade:	☐ Conventional ☐ Organic ☒ Food Grade ☒ USP / FCC
Country of Origin:	China
Description:	White or almost white crystalline powder. Anhydrous form of citric acid; complies with the USP and FCC monographs.

2. Physical & Chemical Characteristics

Parameter	Specification	Method
Appearance	White or almost white crystalline powder	USP / FCC
Identification	Pass test	USP / FCC
Assay (%)	99.5 – 100.5	USP / FCC
Moisture (%)	≤ 0.5	USP / FCC
Sulphated Ash (Residue on Ignition) (%)	≤ 0.05	USP / FCC
Sulphate (ppm)	≤ 150	USP / FCC
Oxalate (ppm)	≤ 100	USP / FCC
Aluminum (ppm)	≤ 0.2	USP / FCC
Clarity and Colour of Solution	Pass test	USP / FCC
Readily Carbonisable Substances	Pass test	USP / FCC

3. Contaminants

Parameter	Specification	Method
Heavy Metals (ppm)	≤ 10	USP / FCC
Lead (Pb) (ppm)	≤ 0.5	USP / FCC

4. Microbiological Characteristics

Parameter	Specification	Method
Not specified	—	—

5. Allergen Declaration

Priority Allergen (Health Canada)	Present in Product	Same Line / Facility
Peanuts	☐ Yes ☒ No	☐ Yes ☐ No
Tree nuts	☐ Yes ☒ No	☐ Yes ☐ No
Sesame seeds	☐ Yes ☒ No	☐ Yes ☐ No
Milk	☐ Yes ☒ No	☐ Yes ☐ No
Eggs	☐ Yes ☒ No	☐ Yes ☐ No

Priority Allergen (Health Canada)	Present in Product	Same Line / Facility
Fish	☐ Yes ☒ No	☐ Yes ☐ No
Crustaceans & molluscs	☐ Yes ☒ No	☐ Yes ☐ No
Soy	☐ Yes ☒ No	☐ Yes ☐ No
Wheat & triticale	☐ Yes ☒ No	☐ Yes ☐ No
Gluten (barley, oats, rye)	☐ Yes ☒ No	☐ Yes ☐ No
Mustard	☐ Yes ☒ No	☐ Yes ☐ No
Sulphites (≥ 10 ppm)	☐ Yes ☒ No	☐ Yes ☐ No

6. Regulatory Status

GMO Status:	☒ Non-GMO ☐ Contains GMO ☐ Not applicable
Irradiation:	☐ Not irradiated ☐ Irradiated
Certifications:	☐ Kosher ☐ Halal ☐ Organic ☐ Vegan ☐ Other: _____
BSE / TSE Statement:	Not of animal origin. Free from BSE/TSE risk.
Standard of Quality:	Complies with the USP and FCC monographs.

7. Packaging, Storage & Shelf Life

Uses:	Acidulant, acidity regulator and flavour enhancer for beverages, foods, confectionery and effervescent formulations.
Packaging:	Food-grade sealed pouches, repacked from the manufacturer's original packaging.
Storage Conditions:	Store in a cool, dry place in closed containers.
Shelf Life:	3 years when stored in an unopened container under cool, dry conditions.
Lot Code Format:	YYYYMMDDNN (repack date + sequence), traceable to the manufacturer lot.

8. Quality Assurance Review

Reviewed By (QA): LiquidShop Quality Assurance **Review Date:** 2026-10-08

This document was prepared electronically and reviewed by LiquidShop Quality Assurance. It is valid without a signature.

The information contained in this document is accurate to the best of our knowledge. It is the responsibility of the user to ensure the product is suitable for its intended application and complies with applicable regulations.