

**Ausamics PTY LTD**

31 Longview CT, Thomastown, VIC 3074, Australia

ABN: 56676640467

www.ausamics.com.au

support@ausamics.com

Phone: +61412520598

## TECHNICAL DATA SHEET (TDS)

---

### Product: Citric Acid Anhydrous (BP, USP, FCC, E330)

Food-Grade Organic Acid for Food, Pharmaceutical & Industrial Applications

Catalogue Number: ASC-8005

HS Code: 2918.14.00

Issue Date: 25 February 2026

### 1. Product Identification

<b>Chemical Name</b>	<b>2-Hydroxy-1,2,3-propanetricarboxylic acid</b>
<b>CAS Number</b>	77-92-9
<b>Catalogue Number</b>	ASC-8005
<b>E Number</b>	E330
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>
<b>Molecular Weight</b>	192.12 g/mol
<b>Form</b>	Anhydrous crystalline powder
<b>Pharmacopoeial Grades</b>	BP, USP, FCC

### 2. Product Description

Citric Acid Anhydrous is a high-purity organic acid used as an acidulant, buffering agent, chelating agent, and flavour enhancer in food, beverage, pharmaceutical, cosmetic, and industrial formulations. Manufactured to comply with BP, USP, and FCC standards.

### 3. Typical Specifications

<b>Assay (Citric Acid)</b>	≥ 99.5 %
<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Freely soluble in water
<b>Water Content (Anhydrous)</b>	≤ 0.5 %
<b>pH (5% solution)</b>	Approx. 1.8 – 2.2

### 4. Physical Properties

<b>Odour</b>	<b>Odourless</b>
<b>Taste</b>	Strongly acidic
<b>Hygroscopicity</b>	Slight

---

**Melting Point**153 °C (decomposition)

---

## 5. Applications

- Food & Beverage acidulant and pH regulator
- Pharmaceutical excipient and effervescent formulations
- Cosmetic pH adjustment
- Industrial chelating and cleaning agent

## 6. Storage & Stability

Store in a cool, dry place.

Keep container tightly closed.

Protect from moisture.

Stable under recommended storage conditions.

## 7. Regulatory & Compliance

Permitted food additive (E330) in Australia and internationally.

Complies with BP, USP, and FCC monographs.

Batch-specific COA available.