



Citric Acid TG (Technical Grade)

CAS No.: 77-92-9

Formula: $C_6H_8O_7$

DESCRIPTION

Citric Acid TG is a biodegradable, multifunctional organic acid used as an acidulant, buffer, and chelating/sequestrant across cleaning, metal treatment, and other industrial applications. Its strong complexing ability and high solubility make it effective for scale control and pH adjustment.

KEY FEATURES

- Strong chelation / scale control
- High water solubility; rapid dissolution
- Biodegradable; low toxicity
- Broad compatibility in aqueous systems

APPLICATIONS

- Detergents and hard-surface cleaners (builder/chelant, pH control)
- Descaling/metal cleaning and passivation rinses
- Water treatment (sequestrant for Ca^{2+}/Fe^{3+})
- Concrete/stone cleaning and efflorescence removal (with appropriate dilution)

TYPICAL SPECIFICATIONS

Parameter	Specification
Description	Crystals, granules and/or powder
Identification	Pass
Appearance	Clear, free of foreign matter
Test (Assay)	99%
Humidity (Moisture)	1.00% Max
Heavy metals	30 ppm Max
Sulfate	150 ppm Max
Oxalate	100 ppm Max
Purity	97.0% Min
Sulfated ashes	< 0.05%



**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

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This document is subject to revision without notice as new data becomes available.

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PACKAGING

- 25 kg bags (lined)
- Super sacks

STORAGE

- Store cool, dry, and well-ventilated, away from moisture and direct sunlight. Reseal tightly to prevent caking and contamination.

SAFETY & HANDLING

- Refer to the SDS for detailed guidance on PPE, first aid, transport, and disposal.