



# Chemrich

GSTIN : 24CSYPM9949Q1Z5

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Regd. Off. &amp; Factory : Plot No. 3311, GIDC Estate, Panoli-394116, Tal-Ankleshwar, Gujarat



License Number-10725997000512

**SPECIFICATIONS :****Product Name: Citric Acid****Grade : FCC Grade****CAS No. : 77-92-9****Molecular formula :  $C_6H_8O_7$** **Molecular weight : 192.12 g/mol****Tests And Average results**

<b>SL#</b>	<b>Tests</b>	<b>Average Results</b>	<b>Acceptance criteria</b>
<b>1</b>	Description	White, odorless, crystalline powder with a strong acidic taste.	occurs as colorless, translucent crystals or as a white, granular to fine, crystalline powder.
<b>2</b>	Solubility	Complies	It is freely soluble in water and alcohol.
<b>3</b>	pH of a 1:20 aqueous solution	1.7	1.0 to 2.2
<b>4</b>	Identification	Complies	A 1:10 aqueous solution gives positive tests for Citrate.
<b>5</b>	Oxalic Acid	Complies	Not more than 100ppm
<b>6</b>	Readily Carbonizable Substances	Complies	Passes test
<b>7</b>	Loss on Drying	Complies	Max 1%.
<b>8</b>	Lead	Complies	Not more than 0.5 mg/kg.
<b>9</b>	Assay Dry Basis	99.5%	95% to 100.5%

**Prepared by: Mr. Karmakar****Date: 01.01.2025****Reviewed and released by****Mr. Eshan Makani****(Director – Technical)****Date : 01.01.2025**