Penta Fine Ingredients, Inc.

4 Dedrick Place West Caldwell, NJ 07006 | Tel: (973)740-2300 | Fax: (973)740-1839
www.pentamfg.com | E-mail: sales@pentamfg.com

TECHNICAL DATA SHEET

PRODUCT NAME: CITRIC ACID ANHYDROUS GRANULAR USP		
PRODUCT CODE: 03-31010		
REV DATE: May 1, 2022	**CAS #:** 77-92-9	**FEMA #:** 2306
COE #: 20	**JECFA #:** 218	**ECHA #:** 201-069-1
Food Grade, Kosher, Halal		

TEST	SPECIFICATIONS
MOLECULAR FORMULA	C6 H8 O7
MOLECULAR WEIGHT	192.12
DESCRIPTION	COLORLESS, TRANSLUCENT CRYSTALS OR WHITE, GRANULAR TO FINE CRSTALLINE POWDER
IDENTIFICATION	TO PASS TEST
CLARITY OF SOLUTION	TO PASS TEST
COLOR OF SOLUTION	TO PASS TEST
WATER	NOT MORE THAN 1.0%
READILY CARBONIZABLE SUBSTANCES	TO PASS TEST
RESIDUE ON IGNITION	NOT MORE THAN 0.1%
SULFATE	NOT MORE THAN 0.015%
LIMIT OF OXALIC ACID	TO PASS TEST
ASSAY (On Anhydrous basis)	NOT LESS THAN 99.5% AND NOT MORE THAN 100.5%
SOLUBILITY	VERY SOLUBLE IN WATER FREELY SOLUBLE IN ALCOHOL VERY SLIGHTLY SOLUBLE IN ETHER
PACKING & STORAGE	PRESERVE IN TIGHT CONTAINERS
USP - NF PUBLICATION	USP - NF 2022 ISSUE 1