



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

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SPECIFICATION SHEET

CITRIC ACID ANHYDROUS USP (GMO FREE)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
CITJAF	2250	77-92-9	September 22, 2011	JGP	Original	MPR

CHARACTERISTICS:	Colorless crystals or a white, crystalline powder; very soluble in water and freely soluble in ethanol (96%), sparingly soluble in ether.
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SPECIFICATIONS:	Odor	Typical, practically odorless
	Identification	To pass test
	Appearance of solution	Clear and colorless
	Clarity of solution (USP)	To pass test
	Color of solution (USP)	To pass test
	Readily carbonisable substances	To pass test
	Oxalic acid/oxalate	Less than 100 mg/kg
	Heavy metals	Less than 5 mg/kg
	Calcium	Less than 30 mg/kg
	Arsenic	Less than 1 mg/kg
	Lead	Less than 0.5 mg/kg
	Mercury	Less than 0.5 mg/kg
	Iron	Less than 3 mg/kg
	Chloride	Less than 5 mg/kg
	Residue on ignition (USP/FCC)	Less than 0.05%
	Sulphated ash	Less than 0.05%
Water	Less than 0.50%	
Assay	99.7-100.3%	

STOCKING POINTS:	TBA Contact Office
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PACKAGING:	Available in 25 kg net PE-coated multilayered paper bags or in 1000 kg net big bags with inner PE lining.
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APPLICATIONS:	Citric acid is the most widely used organic acidulant and pH-control agent in foods, beverages, pharmaceuticals and technical applications.
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SHELF LIFE AND STORAGE INSTRUCTIONS:	May be stored for at least 3 years in original or tightly closed containers. Prolonged storage at temperatures higher than 30°C and/or humidity higher than 70% should be avoided in order to prevent caking.
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OTHER:	Jungbunzlauer citric acid anhydrous is supplied in accordance with the requirements of the Food Chemical Codex (FCC), the US Pharmacopeia (USP), the European Pharmacopoeia (Ph. Eur.), the British Pharmacopoeia (BP, adopted through Ph. Eur. Monograph) and the commission directive 2008/84/EC always in their latest versions.
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