



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

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SPECIFICATION SHEET

CALCIUM CITRATE GRANULAR USP FCC LOW LEAD

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
CACPCG	3280	5785-44-4	February 16, 2011	JP	No. 2	MPR

CHARACTERISTICS:	Odorless, granules that are slightly soluble in water and insoluble in alcohol. This is a 3:2, tetrahydrate.
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SPECIFICATIONS:	Identification	
	A	To pass test
	B	To pass test
	Assay	97.5-100.5%
	Fluoride	30 ppm max
	Heavy metals	20 ppm max
	Lead	0.20 ppm max
	Loss on drying	10.0-13.3%
	Acid insoluble substances	0.2% max
	Arsenic	3 ppm max
	Residual solvents	Meets requirements
	Particle size	
	On US 20 mesh	10% max
	Between 20-80 mesh	70% min
	Thru US 80 mesh	20% max
	Bulk Density (loose)	0.75-0.80g/cc
	Bulk Density (tapped)	0.85-0.90g/cc
	Microbial limits	
	Total aerobic count	1,000 cfu/mg max
	Total molds and yeasts	100 cfu/mg max
Total coliform	100 cfu/mg max	
Escherichia coli	Negative	
Salmonella	Negative	

PACKAGING:	Multi-ply paper bags 25 kgs each, 72 bags/pallet, 18 mts/container. Open head cardboard drums 25 kgs each, 18 drums/pallet, 9mt/container
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APPLICATIONS:	Sequestrant, buffer, firming agent in foods.
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SHELF LIFE AND STORAGE INSTRUCTIONS:	Material should be re-tested against certificate of analysis three years from date of manufacture. Store in well closed container in dry location at ambient room temperature (~ 20°C)
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OTHER:	The manufacturing site is certified by SGS as GMP and HACCP under the Codex Alimentarius. ISO 9001certified. The product is certified Kosher under
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