



American International Chemical, Inc.

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SPECIFICATION SHEET

CALCIUM CITRATE POWDER USP FCC

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
CACGIP	2998	5785-44-4	June 8, 2011	JP	No. 5	MPR

CHARACTERISTICS:	Odorless, white powder that is 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	1 ppm max
	Loss on drying	10.0-13.3%
	Acid insoluble substances	0.2% max
	Arsenic	3 ppm max
	Residual solvents	Meets requirements
	Calcium content (on dried basis)	23.5-24.2%
	(tetrahydrate)	20.4-21.8%
	Microbial limits	
	Total aerobic count	1000/g max
	Total molds and yeasts	100/g max
Escherichia coli and Salmonella	Absent	
Particle size (Thru 80 mesh)	80% min	

STOCKING POINTS:	Carson, CA; Farmingdale, NJ; Houston, TX
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PACKAGING:	Various packaging combinations are available depending upon customer requirements. Standard packaging is 25 kg fiber drums with inner HMHDPE liners.
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APPLICATIONS:	Sequestrant, buffer, firming agent in foods. Nutritional food supplement.
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SPECIAL STORAGE INSTRUCTIONS:	Store in well closed container in dry location at ambient room temperature (~ 20°C)
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OTHER:	The manufacturing site is ISO 9000-2004, ISO 14000-2006, WHO cGMP, HACCP; Kosher, Halal certified and has achieved a COS issued by the EDQM. It is certified by NQA to the requirement of HACCP under the Codex Alimentarius. It is a member of the Global Alliance for Improved Nutrition (GAIN), and supports the UNGC, which encourages businesses worldwide to adopt sustainable and socially responsible policies. Global Calcium's plant is self powered by wind energy generating 100% of their energy needs.
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SHELF LIFE:	Material should be re-tested against certificate of analysis three years from date of manufacture.
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