



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

Internet: www.aicma.com Email: info@aicma.com

SPECIFICATION SHEET

CALCIUM COMPLEX GOLD

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
CCGGIP	2998	None	April 13, 2011	SDM	No. 1	RVK

CHARACTERISTICS:	A white to off-white high-density powder complex of GRAS ingredients which meet USP or FCC monographs that is sparingly soluble in water.
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SPECIFICATIONS:	Identification for calcium	To pass test
	Loss on drying (105°C for 4 hrs)	3 % max
	Assay (as Ca content)	37.0% min
	Bulk density - Tapped	1.2 kg/m ³ min
	pH (1% solution)	8.0-10.0
	Chloride	500 ppm max
	Heavy metals	10 ppm max
	Arsenic	2 ppm max
	Lead	5 ppm max
	Vitamin-C	1mg/g min
	Vitamin-D3	400 IU /g min
	Vitamin-B3	1mg/g min
	Vitamin-B5	1mg/g min
	Vitamin-B6	1mg/g min
	Particle size (sieve test)	
	Thru 20 mesh	90% min
	Total plate count	1000 cfu/g max
	Yeast and mold	100 cfu/g max
	Escherichia coli	Absent
	Salmonella	Absent
Staphylococcus aureus	Absent	

PACKAGING:	25 kg drums
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APPLICATIONS:	For use in tablets, where there is a need for a very high source of calcium derived from multiple bio-available forms with high content of vitamin D and other vitamins.
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SHELF LIFE AND STORAGE INSTRUCTIONS:	Material should be re-tested against certificate of analysis 3 years from date of manufacture. Store in a well closed container in a dry location at ambient room temperature
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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.
LABELING INFORMATION:	Calcium Carbonate, Calcium Citrate, Calcium Aspartate, Calcium Lactate, Calcium Phosphate, Cholecalciferol (D3), Nicotinamide (B3), Pantothenic Acid (B5), Folic Acid (B6), Ascorbic Acid. GRAS – 100% ingredients are GRAS approved