



135 Newbury Street, Framingham, MA 01701

(800) 238-0001 (508) 270-1800 FAX (508) 872-1566

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

## Specification Sheet

### COPPER GLUCONATE ANHYDROUS USP FCC POWDER

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
CUGGIP	2998	527-09-3	January 19, 2012	JGP	No. 3	CDS

<b>CHARACTERISTICS:</b>	Fine, light blue or bluish green or greenish blue powder. Solubility in water ~30 g/100 ml @ 25° C. Slightly soluble in alcohol. Practically insoluble in most other organic solvents.
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<b>SPECIFICATIONS:</b>	Identification	
	A	To pass test
	B	To pass test
	Color of 10% solution	Blue or greenish blue or emerald green solution
	Assay (as is basis)	98.0-102.0%
	Sulfate	0.05% max
	Chloride	0.07% max
	Arsenic	3 ppm max
	Lead	0.0005% max
	Mercury	1 ppm max
	Reducing substance	1.0% max
	Copper content	13.72-14.28%
	Residual solvents	Not applicable
	Particle size	
	Thru US 80 mesh	More than 95.0% w/w
	Thru US 200 mesh	More than 50.0% w/w
	Microbial limits	
	Total viable aerobic count	500 cfu/g max
	Yeast and mold	50 cfu/g max
	Enterobacteriaceae	Absent in 1 g
Escherichia coli	Absent in 10 g	
Salmonella	Absent in 50 g	
Staphylococcus aureus	Absent in 10 g	
Pseudomonas aeruginosa	Absent in 10 g	

<b>STOCKING POINTS:</b>	Farmingdale, NJ; Houston, TX; Carson, CA (check with office)
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<b>PACKAGING:</b>	Various packaging combinations are available depending upon customer requirements. Standard packaging is 25 kg fiber drums with inner HMHDPE liners. Standard pallet configuration is 15 drums per pallet as 3 layers of 5 drums per layer, with the option to increase layers to 20 or 25 drums per pallet.
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<b>APPLICATIONS:</b>	Dietary supplement, food additive, oral deodorant.
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<b>SHELF LIFE AND STORAGE INSTRUCTIONS:</b>	Store in well closed container in dry location at ambient room temperature (~ 20°C); protected from direct sunlight and moisture. Material should be re-tested against certificate of analysis two years from date of manufacture.
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Page 2

<b>OTHER:</b>	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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