

**American International Chemical, Inc.**

Corporate Offices: (800) 238-0001

Internet: www.aicma.com Email: info@aicma.com**SPECIFICATION SHEET****MAGNESIUM CITRATE ANHYDROUS USP POWDER**

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
MCAGIP	2998	3344-18-1	April 13, 2011	JP	No. 5	MPR

CHARACTERISTICS:	Odorless, white powder in the tribasic anhydrous form. Manufactured in a class 100K facility using injection grade water.
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SPECIFICATIONS:	Identification	
	A	To pass test
	B	To pass test
	Magnesium content	
	Dried basis (USP)	14.5-16.4%
	Anhydrous (as is)	14.2% min
	Loss on drying	2.0% max
	Chloride	0.05% max
	Sulfate	0.2% max
	Arsenic	3 ppm max
	Heavy metals	10 ppm max
	Lead	1 ppm max
	Iron	200 ppm max
	pH	5.0-9.0
	Limit of calcium	1% max
	Organic volatile impurities	Meets requirements
	Residual Solvents	Meets requirements
	Particle size: thru a 85 mesh	75% min
	Microbial limits	
	Total aerobic count	500 cfu/g max
Total molds and yeasts	50 cfu/g max	
Escherichia coli and salmonella	Absent	

STOCKING:	Carson, CA; Farmingdale, NJ
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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. 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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APPLICATIONS:	Dietary supplement and food additive where low moisture high Mg content is required.
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SHELF LIFE AND STORAGE INSTRUCTIONS:	Material should be re-tested against certificate of analysis five years from date of manufacture and stored 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.