



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

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

SPECIFICATION SHEET

MAGNESIUM CITRATE USP GRANULAR

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
MGCGIG	2998	3344-18-1	May 16, 2011	SDM	No. 1	TJK

CHARACTERISTICS:	Odorless, white granulated material in the tribasic hydrated form. A 3:2 Magnesium Citrate. 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	
	Dried basis	14.5-16.4%
	Hydrous (as is)	10.3% min
	Loss on drying	2-29%
	Chloride	0.05% max
	Sulfate	0.2% max
	Arsenic	3 ppm max
	Heavy metals	50 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
	Particle size	
	Retained on a 16 mesh	10.0% max
	Retained on a 60 mesh	60.0% min
	Thru a 80 mesh	20.0% max
	Microbial limits	
	Total aerobic count	500 cfu/g max
Total molds & yeasts	100 cfu/g max	
Escherichia coli & salmonella	Absent	

STOCKING POINTS:	Carson, CA; Farmingdale, NJ
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PACKAGING:	Standard packaging is 25 kg fiber drums with inner HMHDPE liners.
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APPLICATIONS:	As a source of magnesium in any food, beverage, and nutritional supplement applications, especially for those products that require low total aerobic counts,
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and low trace minerals.

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SPECIAL STORAGE INSTRUCTIONS:	Store in well closed container in dry location at ambient room temperature (~ 20°C)
OTHER:	The manufacturing site is WHO cGMP and ISO 9000-2004, ISO 14000-2006 certified. The manufacturer has achieved a COS issued by the EDQM. It is certified by NQA to the requirement of HACCP under the Codex Alimentarius. The product is Kosher and Halal certified.
SHELF LIFE:	Material should be re-tested against certificate of analysis three years from date of manufacture.