



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

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

SPECIFICATION SHEET

ZINC LACTATE GLUCONATE (EZ-ZINC®)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
ZLGGIP	2998	4468-02-4 90-80-2 50-21-5	October 3, 2011	JGP	No. 2	RVK

CHARACTERISTICS:	A white to off-white crystalline powder, which is soluble in water. Made in class 100K, facility with injection grade water. ~ 0.09 grams provide 100% RDI. Also known as Zinc Glucono Lactate
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SPECIFICATIONS:	Identification	To pass test
	Zinc content (original basis)	20.0-23.0%
	Loss on drying (1.0 g @ 105°C -2 hrs.)	10% max
	Particle size: Passing through 60 mesh	Not less than 95% w/w
	Bulk Density (Loose)	Not less than 0.5 g/ml
	Clarity and color of 5% w/v sol. @ 25°C	Clear and almost colorless
	pH 5% solution	5.0-8.0
	Lead	2 ppm max
	Arsenic	2 ppm max
	Heavy metals	20 ppm max
	Total bacterial count	1000 cfu/g max
	Yeasts and molds	100 cfu/g max
	Escherichia coli	Absent/10g
	Salmonella	Absent/10g
Staphylococcus aureus	Absent/10g	
Pseudomonas aeruginosa	Absent/10g	

PACKAGING:	25 kg drums, 15 drums per pallet
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APPLICATIONS:	Wherever there is a need for a water-soluble source of Zinc. It is one of the highest forms of a food grade soluble zinc salt also having a very low taste profile
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SHELF LIFE AND STORAGE INSTRUCTIONS:	Material should be re-tested against certificate of analysis 2 years from date of manufacture. Store in 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.
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