



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### FERROUS LACTATE GLUCONATE EZ-IRON®

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
FLGGIP	2998	5905-52-2 299-29-6	February 20, 2009	SDM	Original	CDS

<b>CHARACTERISTICS:</b>	Yellowish grey or pale greenish yellow, crystalline to granular powder. 77 milligrams provides 100% RDI iron in adult males and 115 milligrams provides 100% RDI iron in premenopausal women.
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<b>SPECIFICATIONS:</b>	Identification	To pass test
	Solubility (1 gram in 100 ml water)	Easily soluble
	Ferrous content (as is basis)	13.0-16.0%
	Total aerobic bacterial count	1,000 cfu/g max
	Yeasts and molds (each)	100 cfu/g max
	Escherichia coli	Absent/1g
	Salmonella	Absent/1g
	Staphylococcus aureus	Absent/1g
Pseudomonas aeruginosa	Absent/1g	

<b>PACKAGING:</b>	25 kg fiber drums with HMHDPE liners; 15 to 25 drums per pallet depending upon height restrictions (5 drums per layer). Also can be available in 20 kg cartons, 30 cartons per pallets (10 cartons per layer).
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<b>APPLICATIONS:</b>	Where ever there is a need for a water-soluble source of iron. It is one of the highest forms of a food grade soluble iron salt also having very low taste profile.
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<b>SHELF LIFE AND STORAGE INSTRUCTIONS (if applicable):</b>	Material should be re-tested against certificate of analysis 3 years from date of manufacture. Store in well closed container in a dry location, away from sunlight and moisture at ambient room temperature (20-25°C)
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<b>OTHER:</b>	Manufacturing site is WHO –cGMP, ISO 9000-2004 and ISO 14000-2006. Global Calcium has also achieved a COS issued by the EDQM. It is also certified by NQA to the requirement of HACCP under the Codex Alimentarius. Product should be labeled as Ferrous Lactate and Ferrous Gluconate, which are listed under GRAS for direct food substances.
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