



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### IRON BISGLYCINATE SULFATE 15.7% SOLUBLE

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
IGTAUP	1450	-	October 27, 2011	JGP	No. 3	CDS

<b>CHARACTERISTICS:</b>	Tan to brown powder with no distinct odor. Contains 14.4-15.9% crystalline water. Iron is in the ferrous form bound to two glycine molecules (bis-glycinate form)
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<b>MOLECULAR FORMULA:</b>	$C_4H_{10}O_8N_2FeS \cdot 3H_2O$
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<b>MOLECULAR WEIGHT:</b>	356.09
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<b>SPECIFICATIONS:</b>	Assay (Iron content)	14.1-17.3%
	Cadmium	1 ppm max
	Arsenic	3 ppm max
	Lead	0.5 ppm max
	Mercury	0.7 ppm max
	Total plate count	3,000/g max
	Yeast and mold	100 cfu/g max
	Coliforms	Negative/g
	Salmonella	Negative/25g
	Staphylococcus aureus	Negative/g
Escherichia coli	Negative/g	

<b>STOCKING POINTS:</b>	Salt Lake City, UT
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<b>PACKAGING:</b>	25 kg carton; 27 cartons per pallet
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<b>APPLICATIONS:</b>	Nutritional food supplements
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