



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

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

SPECIFICATION SHEET

IRON ASPARTATE SULFATE MONOHYDRATE

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved
ITSAUP	1450	-	November 27, 2007	SDM	No. 1	RVK

CHARACTERISTICS:	Light brown to brown powder. Contains 3.92 to 4.34% crystalline water. Will meet tests for iron and aspartic acid.
-------------------------	--

MOLECULAR FORMULA:	$C_8H_{14}O_{12}N_2FeS \cdot H_2O$
---------------------------	------------------------------------

MOLECULAR WEIGHT:	436.13
--------------------------	--------

SPECIFICATIONS:	Assay (Iron content)	12.2-13.4%
	Cadmium	5 ppm max
	Arsenic	3 ppm max
	Lead	10 ppm max
	Mercury	1 ppm max
	Total plate count	3,000/g max
	Yeast and mold	300 cfu/g max
	Salmonella	Negative
Escherichia coli	Negative	

PACKAGING:	25 kg carton; 27 cartons per pallet
-------------------	-------------------------------------

APPLICATIONS:	Nutritional food supplements
----------------------	------------------------------