



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### HISTIDINE HYDROCHLORIDE ALPHAKETOGLUTARATE MONOHYDRATE

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Written By	Rev. No.	Approved By
HHAAUP	1450	-	August 31, 2005	SDM	SDM	Original	RVK

<b>CHARACTERISTICS:</b>	White to off white powder
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<b>MOLECULAR FORMULA:</b>	$C_{11}H_{16}N_3O_7Cl \cdot H_2O$
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<b>MOLECULAR WEIGHT:</b>	355.73
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<b>SPECIFICATIONS:</b>	Assay	
	Histidine content	39.2-48.0%
	Alphaketoglutaric acid content	37.0-45.2%
	Loss on drying	10% max
	Cadmium	5 ppm max
	Arsenic	3 ppm max
	Lead	10 ppm max
	Total plate count	3,000/g max
	Yeast and mold	300 cfu/g max
	Salmonella	Negative
Escherichia coli	Negative	

<b>PACKAGING:</b>	20 kg carton; 27 cartons per pallet
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<b>APPLICATIONS:</b>	Nutritional food supplements
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