



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### CALCIUM ALPHAKETOGLUTARATE MONOHYDRATE

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved
CAKAUP	1450	-	March 25, 2008	SDM	No. 1	TJK

<b>CHARACTERISTICS:</b>	White to slightly pink powder. Contains 8.46-9.35% crystalline water.
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<b>MOLECULAR FORMULA:</b>	$C_5H_4O_5Ca \cdot H_2O$
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<b>MOLECULAR WEIGHT:</b>	202.18
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<b>SPECIFICATIONS:</b>	Assay (Calcium content)	18.8-20.8%
	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

<b>STOCKING POINTS:</b>	Salt Lake City, UT
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<b>PACKAGING:</b>	15 kg double PE lined carton, with 2 desiccant packs between the liners; 27 cartons per pallet.
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<b>APPLICATIONS:</b>	Nutritional food supplements as a source of calcium and alphaketoglutaric acid.
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