



American International Chemical, Inc.

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SPECIFICATION SHEET

PYRIDOXINE ALPHAKETOGLUTARATE HCl

Code No.	SCN No.	CAS No.	Effective Date	Written	Rev. No.	Approved
PAKAUP	1450	-	September 21, 2001	SDM	Original	MDS

CHARACTERISTICS:	White to off white powder with distinct odor. Very soluble in water.
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MOLECULAR FORMULA:	$C_{21}H_{30}Cl_2N_2O_{11}$
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MOLECULAR WEIGHT:	557.38
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SPECIFICATIONS:	Assay	
	Pyridoxine	57.7-63.7%
	Alphaketoglutaric acid	24.9-27.5%
	Loss on drying	3% max.
	Cadmium	5 ppm max.
	Arsenic	3 ppm max.
	Lead	10 ppm max.
	Total plate count	3,000/g max.
	Salmonella	Negative
E. coli	Negative	

STOCKING POINTS:	Salt Lake City, UT and Farmingdale, NJ
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PACKAGING:	25 kg double PE lined carton, with 2 desiccant packs between the liners; 27 cartons per pallet.
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APPLICATIONS:	Nutritional food supplements as a source of alphaketoglutaric acid and Vitamin B ₆ . Alphaketoglutaric Acid plays an important role in amino acid metabolism.
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