



American International Chemical, Inc.

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SPECIFICATION SHEET

NIACINAMIDE ASCORBATE ANHYDROUS

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved
NIAAUP	1450	1987-71-9	December 10, 2010	JP	No. 5	RVK

CHARACTERISTICS:	Yellow powder. Soluble in water and alcohol. Sparingly soluble in glycerin. Fully reacted 1:1 molar ratio of Niacinamide to Ascorbic Acid.
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MOLECULAR FORMULA:	$C_{12}H_{14}N_2O_7$
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MOLECULAR WEIGHT:	298.25
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SPECIFICATIONS:	Assay	
	Niacinamide content	38.9-42.9%
	Ascorbic Acid content	56.1-62.1%
	Loss on drying	1.5% max
	Cadmium	0.5 ppm max
	Arsenic	0.5 ppm max
	Lead	0.5 ppm max
	Mercury	0.5 ppm max
	Total plate count	1,000 cfu/g max
	Yeast and mold	100 cfu/g max
	Salmonella	Negative/25 g
	Escherichia coli	Negative/g

STOCKING POINTS:	Salt Lake City, UT
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PACKAGING:	25 kg double PE lined carton, with 2 desiccant packs between the liners; 27 cartons per pallet; 27 cartons per pallet
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APPLICATIONS:	Nutritional food supplements as a source of Niacinamide (Vitamin B ₃) and Ascorbic Acid (Vitamin C).
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