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Specification Sheet

NIACINAMIDE FREE FLOW POWDER (Vitamin B3)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
NIAJIF	2230	98-92-0	February 16, 2012	LR	No. 1	RVK

CHARACTERISTICS:	White crystalline free flowing powder. Odorless or practically so, and solutions are neutral to litmus. Blend of Niacinamide USP with not more than 0.5% silicon dioxide as the free flow agent.
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SPECIFICATIONS:	Assay (on dry basis)	98.0% min w/w 100.5% max w/w (Method: BP)
	Moisture	0.5% w/w max
	Residue on ignition	0.7% w/w max (Method: FCC)
	Heavy metals (as Pb)	30 ppm max
	Readily Carbonizable substances	To pass test (Method: FCC)
	U.V. Max 245, 262 nm	To pass test (Method: Spectrophotometer)
	pH	6.5-7.5 (Method: Potentiometric)
	Granulation	5% max (Method: Brushed)
	Melting point	128-131° C (Method: Capillary)
	Solubility	To pass test 1g/l ml (Method: Cold Water)

STOCKING POINTS:	S Kearny, NJ
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PACKAGING:	20 kg fiber drum; 25 drums/pallet (500kg)
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APPLICATIONS:	Flour, bakery products, nutritional food supplements, tablets and beverages. Vitamin B3 source. The use of silica as a flow agent allows it to be easily added to food premixes.
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SHELF LIFE AND STORAGE INSTRUCTIONS:	Shelf life is 5 years from date of manufacture. Keep container tightly closed, in a cool, dry, ventilated area. Keep away from heat, direct sunlight, moisture and incompatibilities.
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OTHER:	Star-K Kosher certified; Halal.
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