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Specification Sheet

NIACINAMIDE (VITAMIN B3) USP GRANULAR

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

CHARACTERISTICS:	White crystalline granules with bitter taste. One gram soluble in ~one ml water, ~1.5 ml alcohol, and ~ 10 mls glycerol. Also known as 3-pyridinecarboxamide, nicotinamide, nicotinic acid amide, or vitamin B3.					
	Particle size	Thru 20 mesh			98% min	
		Thru 140 mesh			10% max	

MOLECULAR FORMULA:	C ₆ H ₆ N ₂ O
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MOLECULAR WEIGHT:	122.12
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SPECIFICATIONS:	Assay (dried basis)	98.5-101.5%
	Identification	
	A	To pass test
	B	To pass test
	Melting range	128°-131°C
	Loss on drying	0.5% max
	Residue on ignition	0.1% max
	Heavy metals	0.003% max
	Readily carbonizable substances	To pass test
Residual solvents/OVI	Meets requirements	

SHELF LIFE AND STORAGE INSTRUCTIONS:	Shelf life is 5 years from date of manufacture. Keep container tightly closed in a cool, dry, ventilated area away from heat, direct sunlight, moisture and incompatibilities. Protect container from any physical damage.
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PACKAGING:	20 kg fiber box
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APPLICATIONS:	Nutritional food supplements. Vitamin B3 source.
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OTHER:	Halal
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