



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### NIACIN GRANULAR – FEED GRADE (Vitamin B3)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
NIFJIG	2230	59-67-6	February 28, 2011	LR	No. 2	MPR

<b>CHARACTERISTICS:</b>	Odorless, white crystalline powder. Also known as nicotinic acid or 3-pyridinecarboxylic acid. Soluble in water and alcohol. Insoluble in most lipid solvents. Stable to heat and oxidation. Sparingly soluble in water; freely soluble in boiling water, in boiling alcohol and in solutions of alkali hydroxides and carbonates. Practically insoluble in ether.		
	Melting range	234-240°C	
	Particle size	Thru 20 mesh	98% min
		Thru 140 mesh	10% max

<b>SPECIFICATIONS:</b>	Assay	99.5% min
	Identification	
	A	Passes test
	B	Passes test
	Loss on drying	1.0% max
	Residue on ignition	0.1% max
	Chloride	0.02% max
	Sulfate	0.02% max
	Heavy metals (as Pb)	0.002% max
	Ordinary impurities	To pass test
Residual solvents/OVI	Meets requirements	

<b>STOCKING POINTS:</b>	S. Kearny, NJ
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<b>PACKAGING:</b>	25 kg bags; 40 per pallet
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<b>APPLICATIONS:</b>	Vitamin for Animal Feed.
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<b>OTHER:</b>	Star-K Kosher Certified
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<b>SHELF LIFE:</b>	5 years from date of manufacture. Store in tightly closed container in cool, dry ventilated area away from heat.
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