



**Resonance**  
Specialties

# Resonance Specialties Limited

Regd. Office: Plot No. 54-D, Kandivli Industrial Estate, Kandivli (W) Mumbai-400067, India

Tel: +91-22- 6857 2827/6210 6053 Fax: +91-22-28688544 E-mail – [info@resonancesl.com](mailto:info@resonancesl.com)

Website: [www.resonancesl.com](http://www.resonancesl.com) CIN: [L25209MH1989PLC051993](https://www.mca21.gov.in/cin/L25209MH1989PLC051993) GST: [27AAACA9590Q1ZW](https://www.gst.gov.in/gst/27AAACA9590Q1ZW)

## TECHNICAL DATA SHEET

### NIACIN (FEED GRADE)

**Other Nomenclature** Nicotinic Acid, 3-Pyridine Carboxylic Acid

#### **Physical Data**

<b>Molecular Formula</b>	C <sub>6</sub> H <sub>5</sub> NO <sub>2</sub>
<b>Molecular weight</b>	123.1g/mol
<b>CAS Number</b>	55-22-1

#### **Specifications**

<b>Description</b>	white granules.
<b>Solubility</b>	1.6% (water) and 0.73% (alcohol) at room temp.
<b>Melting point</b>	234°C to 240°C
<b>Particle size</b>	90% passing through 30 mesh
<b>Bulk density</b>	0.50 to 0.56
<b>Sulphate Ash</b>	Max 0.1%
<b>Loss on drying</b>	Max. 0.3%
<b>Assay</b>	NLT 99.0 % ( Chemical)

**Packing**

25kg polyethylene lined paper bags (40bags palletized)

**Health Hazard**

LD50 (Oral, rats) more than 5g/kg

**Target Organs**

Eyes, skin

**Applications**

Feed additive component of Vitamin B.