

VITAMIN B3
(NIACINAMIDE AND NIACIN)





VITAMIN B3 - NIACINAMIDE & NIACIN

Jubilant’s complete backward integration to the basic feedstock enables unmatched advantages of consistent quality and availability for Niacinamide & Niacin, leveraging its global scale of Pyridine and Beta Picoline manufacturing operations.

PRODUCT VARIANTS

Product Name	Niacinamide	Niacin
Synonyms	Nicotinamide, Nicotinic Acid Amide	Nicotinic Acid, VitaminPP
Chemical Name	3 - Pyridine-Carboxylamide	3 - Pyridine-Carboxylic Acid
Chemical Formula	C6H6N2O	C6H5NO2
CAS Number	98-92-0	59-67-6
Pharmacopeia Compliance	USP/EP/BP/JP/ FCC	USP/EP/BP/JP/ FCC
Grades	Powder, Fine Granular and Granular	Powder and Granular

Nutritional Products Vitamin B3

Jubilant is currently the **2nd largest manufacturer of Niacinamide & Niacin (Vitamin B3) worldwide.** The company enjoys a strong position of trust and reliability with its customers across the globe on account of its quality of products and services.

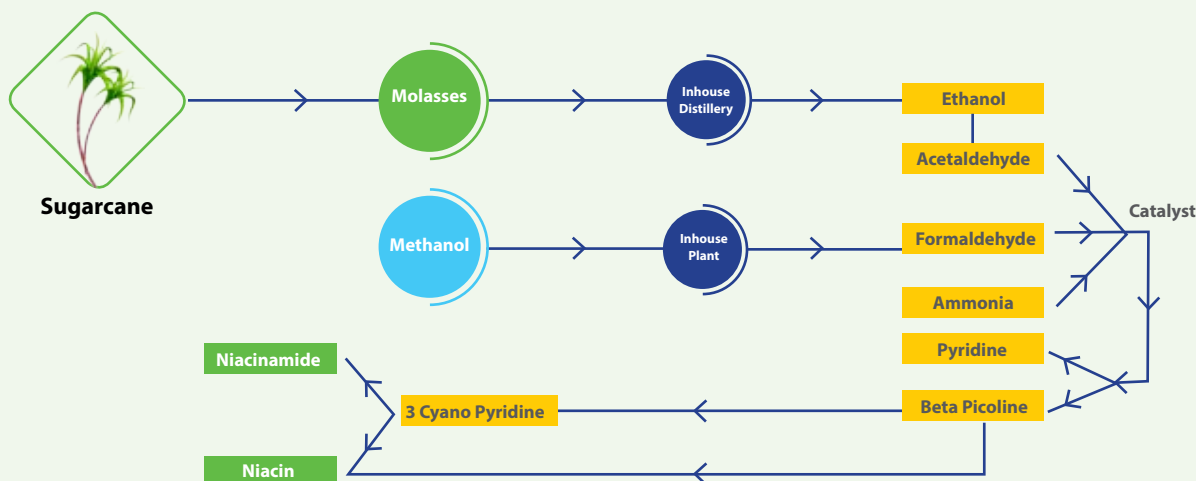
CERTIFICATIONS

Our production facilities comply with world class standards required for food ingredients manufacturing under

FSSC -22000, HACCP, c-GMP, Kosher, Halal, ISO, OHSAS, WHO-GMP and FAMI-QS regulations

MANUFACTURING OVERVIEW

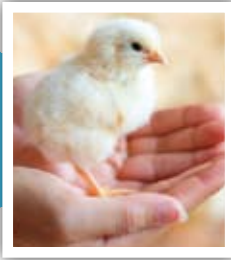
OUR INTEGRATED PRODUCTION PROCESS



Due to our forward and backward integration and Jubilant Life Sciences being a global producer of Pyridine and Beta Picoline, the feedstock availability for manufacturing of Vitamin B3 is seamlessly integrated.

APPLICATION AREAS

Vitamin B3 is necessary to maintain energy and general vitality as it helps to release the energy and nutrients from foods. Niacinamide & Niacin, both compounds are identical in their vitamin function.

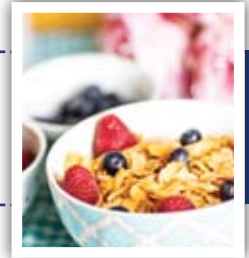


Animal Nutrition

Vitamin premix for- Poultry, dairy, swine and cattle, pet food, veterinary drugs and aqua feed.

Human Nutrition

In Vitamin premix, dietary food supplements, enrichment of breakfast cereals and flour, beverages & energy drinks, infant formulas, baking and confectionery.



Cosmeceuticals

Skin creams, hair lotions and other personal care products.

Pharmaceuticals

Multivitamin tablets, Niacinamide for treatment of diabetes and Niacin for high cholesterol levels.



Others

Metal brighteners and metal plating industries. Also used as starting raw material for production of patented agrochemical molecules.

OUR DIFFERENTIATORS

Backward Integration to the Basic Feedstock

The complete backward integration, (Molasses – Alcohol – Acetaldehyde – Pyridine / Beta Picoline – Niacinamide/ Niacin) up to the basic feedstock, is one of the major advantages that company has over the other manufacturers of Niacinamide and Niacin.

The molasses obtained from sugarcane enables Jubilant to use bio-ethanol as the primary feedstock for the manufacture of Niacinamide and Niacin.

Sustainability

Jubilant Life Sciences is Responsible Care® 14001: 2013 certified for its Corporate Office, Noida. Sustainability & being Socially Responsible is integral to our business and the certification reinforces Jubilant's continued commitment to ensuring the highest standards of Health, Safety, Security and

Environmental Performance for both its products and operations.

Care For Environment

Since Jubilant uses bio-ethanol as its primary feedstock unlike other manufacturers who use petroleum based feedstock (Naphtha), it manages to save a considerable amount of Greenhouse Gas Emissions. This process even helps Jubilant's customers build a greener supply chain as they use Niacinamide and Niacin produced by the Company. Jubilant saves an estimated 4.3 and 4.1 tonne CO₂ per tonne of Niacinamide and Niacin produced respectively.

Global Reach

Jubilant has wholly owned subsidiaries with offices in **US, Europe and China**. Additionally, Jubilant has global sales and distribution networks worldwide.



The Life Science Ingredients segment of Jubilant Life Sciences is engaged in Specialty Intermediates, Nutritional Products and Life Science Chemicals through five manufacturing facilities in India.

Serving customers in over 80 countries, the segment offers a broad portfolio of high quality ingredients that find application in wide range of industries.

Manufacturing Facility For Vitamin B3 (Niacinamide & Niacin)

Plot No.5, Vilayat GIDC, Taluka Vagra, Bharuch - 392012, Gujarat, India
Tel : +91 2641 28 1500

OTHER MANUFACTURING FACILITIES

UTTAR PRADESH

- Gajraula

GUJARAT

- Bharuch
- Samlaja

MAHARASHTRA

- Nira
- Ambernath

OFFICE LOCATIONS

India

Maharashtra

Jubilant Life Sciences Limited

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To know more log on to: www.jubl.com/lsi

