

The Largest Supplier of Nisin,  
Natamycin, E-polylysine In India

# Bimal Pharma Pvt. Ltd.

29 Years quite Young & AEO T1 Certified Company

FSSAI LICENSE NO. : 10012022000599

Natural Bio Preservatives for Foods

Permitted by FSSAI



## NISIN (E-234)

(IU, More than 1150)



Yogurt



Rasgulla



Pickles



Cheese

## NATAMYCIN (E - 235)

(FOOD GRADE, 50% & 95%)



Meat Products

## e-POLYLYSINE

(100% White, A Grade)  
(US GRAS No.: 000135)



Cooked Rice



Sugarcane  
Juice

# NISIN (E234)

- NISIN is Polypeptide which is made by *Lactococcus lactis*.
- It is Natural, Non-poisonous and effective Food Class II Preservative.
- NISIN possesses Anti-Microbial activity against a wide range of Gram-positive bacteria, particularly those that produce spores, which causes Food spoilage.
- It inhibits certain strains of the Food Pathogen.



## Key Benefits

- Extends Shelf Life for Foods.
- Can be used before or after heat treatment due to its excellent Temp. stability.
- Secures desired food Flavour and efficiency due to low dosage requirement.
- Meets consumer demands for food protected with natural antimicrobials by fully or partially replacing synthetic preservatives.
- Enable reduced processing Time and Temp.
- Useable in Fermented Products (No effect on Bacteria)



## Application

- Dairy Products, including Processed Cheese.
- Canned Foods and Fruit Juice Drinks.
- Alcoholic Beverages.
- Tender Coconut water.
- Meat Products and Marine Products.
- In Roti & Idli / Dosa Batter.



**Cake**

**Packing** : 500 gms. / 1000 gms. Plastic Jar.

**R & D Packing** : 100 Gms. Plastic Bottle.

**Shelf life** : 2 years

## Storage Condition :

Store in the Airtight & Dark Place at below 10°C In Original Packs.



**Semi Cooked Roti**



**IDLI & DOSA BATTER**

# NATAMYCIN (E235)

Natamycin is a Natural, toxicologically safe food preservative. It is used for inhibiting Yeast and Mould in a wide range of Foods and it has no effect on Bacteria.



## Key Benefits

- Effectively inhibits Yeast and Mould.
- Reliable and safe for human consumption.
- Extends Shelf Life for Foods, with a very low dosage. , hence, Cost Effective.
- Has no effect on Bacteria, making it useful for Food products.
- Secures desired Food Flavour and reduces Food unit cost.
- Meets consumer demands for Food protected with Natural Antimicrobials by fully replacing Synthetic Preservatives.
- Easy to apply in small quantities by Spraying or Dipping
- Very Versatile & stable at a wide pH Range (3.0 to 9.0)

## Applications

- Cheese : Surface treatment of Cheese.
- Bakery : Bread and Cakes, baked Foods .
- Meat products, Jam , Jelly, Marine Food , Fish , Chicken.
- Alcohol Beverages, Wines, Juices, Drinks
- Yogurts & Man - Made Butter.



**Cheese**

**Packing :** 250 / 500 / 1000 gms. Plastic Jars.

**R & D Packing :** 100 Gms Plastic Bottle.

**Shelf life :** 2 years

## Storage Condition :

Store in the Airtight & Dark Place at below 10°C in Original Packs.



**Beverages**

# e- POLYLYSINE (100 % White, A Grade)

E-polylysine is a Polymer of the Amino Acid, L-Lysine.

It is a Natural Broad Spectrum Antimicrobial with effect against Moulds, Yeasts, Gram-positive and especially Gram-negative Bacteria. It is suitable for versatile applications in Food, Feed, Cosmeceutical and Pharmaceutical Industry.

## Key Benefits :

- Natural and Non-Animal Source.
- Also used as an Ingredient in Cosmetics.
- Highly heat-stable, can be used before or after heat treatment.
- Secures desired Food Flavor
- Improves cost efficiency due to the low Dosage Rate.
- Meets consumer demands for food protected with Natural Additives by fully or partially replacing Synthetic Additives.
- Effective over a wide Range of pH values (4-10).
- Very safe, Easy to use, Readily soluble in water.

## Applications

- Nutrient water
- In Meat (Red- Cooked Meat) & Fish
- In Cooked Rice, Sushi, Soup & Steamed Buns
- In Beverages (Fruit Juices)
- In Prepared Foods (Dips, Pasta, Noodles, Tortillas)
- Desserts (Mousse & Doughnuts)
- In Skin Care Lotions

**Packing :** 250 / 500 / 1000 gms. Plastic Jars.

**Shelf life :** 2 years

## **BIMAL PHARMA PVT. LTD.**

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**Fruit Juices**



**Pasta**



**Noodles**



**fssai**

Food Safety and Standards  
Authority of India

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GOVERNMENT OF INDIA

**MSME**

MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISE

Udyog Aadhar No. MH18A0066413



**AEO**

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