

NATASAN™

PRODUCT DESCRIPTION SHEET

Code	File name	Analyst	Date
0105	PDS_0105_NATASAN™	Dr. Yudi	04/04/2019

DESCRIPTION

Natasan™ is a perfect Natamycin coating by increasing the natamycin crystal linked through mushroom form transparent, ultra-thin mesh coating suitable for the treatment of fungal rot on the surface of fruits and vegetables.

KEY BENEFITS

- Full protection against fungal rot;
- Extended freshness;
- No change in taste, odour, colour and flavour;
- Cost efficiency;
- Natural, friendly- labelling.

APPLICATIONS

Applications	Max. dosage
Fruits and vegetables	0.2g/kg
Citrus fruits (e.g. Calamondin, Citrus citron, Grapefruit, Kumquat, Lemon, Lime, Mandarin, Oranges, and Pommelo)	
Mushroom	1.5g/kg
Pineapple	4 g/kg
Pome fruits (e.g. apple, pears)	2.5 g/kg
Stone fruits (e.g. cherries, Nectarines)	1.5g/kg
Tropical fruits (e.g. Avocadoes, Mangoes)	0.8g/kg

DIRECTION FOR USE

Natasan™ may be used as an aqueous suspension for dipping or coating for the intended post-harvest Fruits.

Please contact us for specific information.

COMPOSITION

Natamycin assay (on dry basis w/w)	≥50%
Mushroom (w/w)	≤50%
Loss on drying (w/w)	≤8%

*The exact percentage variations may occur from batch to batch.

HEAVY METALS

Arsenic (mg/kg)	≤3
Lead (mg/kg)	≤2
Mercury (mg/kg)	≤1

MICROBIOLOGICAL SPECIFICATIONS

Total plate count (/g)	≤100
<i>E. coli</i> (/g)	Absent
<i>Salmonella</i> (/g)	Absent

PHYSICAL / CHEMICAL SPECIFICATIONS

Appearance	White to milky yellow crystalline powder
pH of 1% aqueous solution	6-8

Particle size	100 mesh>90%
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*Appearance variations may occur from batch to batch.

NUTRITIONAL DATA

Approximate values for Nutrition labelling per 100g.

Contribution to energy level is insignificant at recommended usage levels.

Energy	370 calories/100g
Protein	5.4 g/100g
Carbohydrate	831 g/100g
-Sugar	<0.5 g/100g
Fat	52 g/100g
-Saturated fat	<0.1 g/100g
-Trans. fat	<0.1 g/100g
Total dietary fiber	59.5 g/100g
Vitamin A	<10 µg /100g
Vitamin C	12.5 mg/100g
Ash	<0.5 g/100g

PACKAGING

Natasan™ is available in 500 gr/bottle or 50 g/pouch with integral, tamper-proof seals.

Packaging is available in other quantities.

Plastic bottle and pouch materials comply with Regulation (EU) No 10/2011.

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STORAGE CONDITIONS

Conditions:
24 months, store unopened below 20°C in dry conditions, away from direct sunlight and odorous products. When opened, store at approx. 20°C in original container.

Shelf life:
Shelf life is 24 months when stored according to recommendations.

Microorganisms used for the production of this product are not genetically modified.

REGULATION STATUS

The US EPA has proposed the approval of natamycin for the control of the fungal diseases of some post-harvest fruits and Mushroom during transport and storage.

ALLERGENS

Components	Yes / No
● Peanut or its derivatives	No
● Tree nuts, macadamia nuts, pecans, pine nuts, pistachios and walnuts or their derivatives	No
● Sesame or its derivatives	No
● Eggs or its derivatives	No
● Fish or its derivatives	No
● Crustaceans and shellfish or their derivative	No
● Soy or its derivatives	No
● Wheat, triticale or their derivatives	No
● Mustard or its derivatives	No
● Milk or its derivatives (e.g. Lactose)	No
● Sulphites	No

COUNTRY OF ORIGIN

Belgium

CERTIFIED STATUS

The product is certified by KOSHER, HALAL and ISO22000:2005.

GMO STATUS

According to regulations Ec No. 1829/2003 and 1830/2003.

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The information contained in this file is based on our own testing analysis and is, to the best of our knowledge, reliable. Users should, however, conduct their own test to determine the suitability of our products for their own specific purposes.



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for Quality