

PRODUCT BRAND	: Pimaripro
PRODUCT NAME	: Natural Food preservative
TYPE	: Food grade
COMPOSITION	: Natamycin 50% CAS 7681-93-8 Molecular weight 665.74 Chemical form $C_{33}H_{47}NO_{13}$
	: Lactose 50% CAS 10039-26-6 Molecular weight 360.32 Chemical form $C_{12}H_{22}O_{11}$
PRESENTATION	: 75gr, 100gr, 500gr, 5kg
APPERANCE	: White-cream crystalline powder
ODOR	: Almost odorless
RESIDUE ON IGNITION	: 0.3 % (Max. 0.5 %)
LOSS ON DRYING	: 3.7 % (Max. 8.0 %)
pH	: 6.3 (5.0-7.5)
ASSAY (CONTENT)	: 52,8 % (Natamycin min. 50%)
ASH	: 0.3% ( 50.0%)
TOTAL HEAVY METALS	: < 10mg/kg (Max. 10mg/kg)
LEAD	: < 2mg/kg (Max. 5mg/kg)
ARSENIC	: < 3mg/kg (Max. 3mg/kg)
MERCURY	: < 1mg/kg (Max. 1mg/kg)

MICROBIOLOGICAL COUNT : max. 100 cfu/g

SALMONELLA : absent  
(25 gr. sample)

E.COLI : absent  
(25 gr. sample)

LISTERIA MONOCYT : absent  
(25 gr. sample)

#### PRODUCT DESCRIPTION

Pimaripro is natural antimycotic based on natamycin produced by fermentation using a strain of "Streptomyces natalensis". Pimaripro is applied to protect food products from most fungus infections.

#### USAGE LEVELS

The recommended dosage of Pimaripro is in the range 5 -50 ppm (5gr - 50 gr/ton). Exact dosage cannot be stated as it depends on the nature of the application.

#### STORAGE

Store unopened under 20 °C in dry conditions, away from direct sunlight. When opened, store under 20 °C in original container in dry conditions, away from direct sunlight.

#### SHELF LIFE

Shelf life is 18 months when stored according to recommendations. Opened containers suffer loss of activity after 40 days.

#### SECURITY

The natamycin is an antimocotic agent with a wide security margin, authorized in more than 40 countries and used during more than 30 years.

#### SAFETY AND HANDLING

MSDS is available upon request.

#### COUNTRY OF ORIGIN

Turkey

Authorized person:

Name :  
Date :  
Signature :