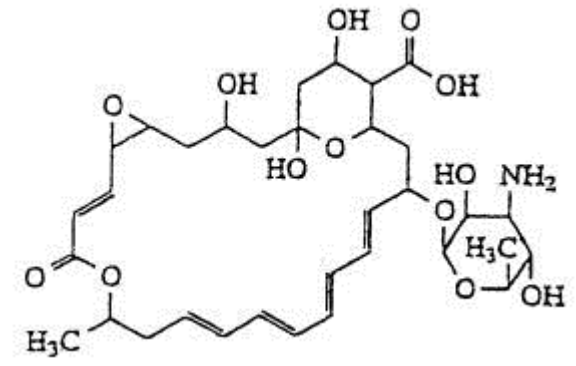




M/S. BIMAL PHARMA PVT. LTD. MUMBAI (INDIA)	FINISHED PRODUCT INFORMATIONS
QUALITY CONTROL AND ASSURANCE	PRODUCT : NATAMYCIN, 50% FOOD GRADE
MSDS No. : BPPL 121 (Available on Request)	SPECIFICATION No. : FP- 121

1. **NOMENCLATURE** : Pimaricin
2. **CAS NO.** : 7681-93-8
3. **MELTING POINT** : 280°C (Decomposed)
4. **HSN CODE** : 29181190
5. **EMPIRICAL FORMULA** : $C_{33}H_{47}NO_{13}$
6. **MOL. WT.** : 665.73
7. **STRUCTURAL FORMULA** :

8. **DESCRIPTION** :
 - : White to Yellow Crystalline Powder.
 - (Cream –coloured to slightly Yellow Powder)
 - : No Taste or Odour.
 - : Not soluble in Water.
 - : Insoluble in Higher Alcohols, Ether and Ester.
 - : Slightly soluble in Methanol.
 - : Completely soluble in Glacial Acetic acid and Di Methyl Sulfoxide (DMSO).
9. **APPLICATIONS** :
 - : As Food Additive, it used to protect food from Mold and Yeast growth.
 - : Globally used in Cheese, Juice, Wine And Meat Industry.
 - : Surface Treatment for Semi – Dried, Cured Meat products, Yogurts, Man-made butter.

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- | | |
|-----------------------------|---|
| 1. DESCRIPTION | : White to Yellow Crystalline Powder.
(Cream –colored to slightly Yellow Powder)
: No Taste or Odour. |
| 2. SOLUBILITY | : Not soluble in Water.
: Insoluble in Higher Alcohols, Ether and Ester.
: Slightly soluble in Methanol.
: Completely soluble in Glacial Acetic acid and Di Methyl Sulfoxide (DMSO). |
| 3. MOISTURE CONTENT | : 6.0 % to 8.0 % |
| 4. pH | : 5.0 to 7.5 |
| 5. NATAMYCIN CONTENT | : More than 50% |
| 6. ARSENIC (As) | : NMT 3 ppm |
| 7. HEAVY METALS (Pb) | : NMT 0.001% (10 ppm) |
| 8. ASH | : NMT 0.5% |
| 9. MERCURY (Hg) | : NMT 0.0001% (1 ppm) |

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10. MICROBIAL LIMIT TEST

:

Count of Colony
Pathogen
E. Coli
Salmonella

: NMT 100 cfu/gm
: Absent
: Negative (in 25 gms.)
: Negative (in 25 gms.)

11. PACKING

: 500 gms. Plastic Bottle
: 10 Bottles / Case
: 20 Bottles / Case
: As per customer's requirement

12. STORAGE

: Sealed keeping in cool place where there is no direct sunshine exposure and the Temp. is below 20°C.
: It is sensitive to oxidant and Ultraviolet Radiation. (U.V)

13. SHELF LIFE

: 2 Years

