

TYPICAL CERTIFICATE OF ANALYSIS

Name of the product : NATAMYCIN (FOOD GRADE) 95%
Shelf Life : 2 Years

RESULT OF ANALYSIS

SR. NO.	TESTS	SPECIFICATION (As per Food Grade)	OBSERVATIONS
1.	Appearance	Almost white crystalline powder and odorless	Almost white crystalline powder and odorless
2.	Identification	Appear positive reaction	Conform
3.	Specific optical rotation	+250 to + 295	+283
4.	pH	5.0 to 7.5	5.5
5.	Ash (Residual Ignition)	≤0.5%	0.2%
6.	Assay (Content of Natamycin)	≥95.0 %	95.5%
7.	Loss on Drying Water content	6.0 % to 9.0%	6.1%
8.	Lead	2mg/kg Max. (2 ppm)	<0.1mg/kg
9.	Arsenic	3mg/kg Max. (3 ppm)	<3mg/kg
10.	Mercury	1mg/kg Max. (1 ppm)	<1mg/kg
11.	Heavy metals (as pb)	10mg/kg Max. (10 ppm)	<10mg/kg
12.	Total Plate Count (cfu / gm)	100 cfu / gm	10cfu / gm
13.	Coliform Bacteria / (MPN/100 gm)	≤40 mpn/100 gm	<40mpn/100 gm
14.	Salmonella	(In 25 gm) Negative	Negative
15.	Listeria Monocyt	25gm negative	Negative

Conclusion : The above Specification Confirms with International Food Standards.