

TYPICAL CERTIFICATE OF ANALYSIS

Name of the product : NISIN (Food Grade)

Shelf Life : 2 Years

RESULT OF ANALYSIS

SR. NO.	TESTS	SPECIFICATIONS (As per Food grade)	OBSERVATIONS
1.	Description	Whitish light Brownish, Micronized Powder.	Complies
2.	Nisin Potency	Min. 1150 IU / Mg.	1182 IU / Mg.
3.	Moisture Content (LOD)	Max. 3.0 %	1.850 %
4.	Sodium Chloride	Min. 50.0 %	74.75 %
5.	pH (10% Aq. Solution)	3.2 to 3.6	3.35
5.	Lead (Pb)	Max. 1 ppm	Complies
6.	Arsenic	Max. 1 ppm	Complies
7.	Mercury	Max. 1 ppm	Complies
8.	Heavy Metals	Max. 10 ppm	Complies
9.	Total Bacterial Count	Max. 10 cfu / gm	Complies
10.	E- Coli (In 100 gm.)	Max. 3	Absent
11.	Salmonellae	Absent in 25 gm.	Absent

Conclusion : The above Specification Confirms with International Food Standards.