



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-253191
Lot Number: SAMPLE
Product Name: Nisin from *Lactococcus lactis*
CAS Number: 1414-45-5
Molecular Formula: $C_{143}H_{230}N_{42}O_{37}S_7$
Molecular Weight: 3354.07
Native Source: Nisin from *Lactococcus lactis*

Test	Result
Appearance	Off white cream powder
Heavy Metals	Cu- < 50 mg/kg, Zn- < 25 mg/kg, Cu+Zn- < 50 mg/kg
Moisture	1.09%
Potency	1.210×10^6 IU/g (hydrous potency)
Related Substances	Coliform bacteria, Moulds & Yeast, Salmonella in 25g & Staphylococcus Aureus all absent
Arsenic	< 1 mg/kg
Lead	< 2 mg/kg
Sodium Chloride	< 50%
Average Aerobic Plate Count	< 10/g

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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