

NISIN Powder

Cat. No. EXTZ-694

Lot. No. (See product label)

Introduction

Description Nisin is a polypeptide antimicrobial substance extracted from the fermentation

products of Lactococcus lactis, a subspecies of Lactococcus lactis. It is approved as a food preservative in many countries around the world. Nisin can inhibit most Gram-positive bacteria, especially spore-forming Gram-positive bacteria such as Bacillus subtilis, Bacillus stearothermophilus, and Clostridium species, making it particularly suitable for heat-treated foods, such as various meat sausages, canned

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fungi, and pasteurized soups.

Product Information

Source Lactococcus lactis

Form White to light brown powder

CAS No. 1414-45-5

Molecular Formula C141H228O38N41S7(Nisin Z)

Molecular Weight 3330.31

Purity ≥900 IU/mg

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