

Nisin Z

Cat. No.: HY-P3466
CAS No.: 137061-46-2
Batch No.: 279669
Chemical Name: Nisin A, 27-L-asparagine-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{141}H_{229}N_{41}O_{38}S_7$
Molecular Weight: 3331.05
Storage: Sealed storage, away from moisture and light, under nitrogen
Powder -80°C 2 years
 -20°C 1 year
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

Chemical Structure:

Nisin Z

ANALYTICAL DATA

Appearance: Off-white to light brown (Solid)
Titer: 1150 IU/mg
Loss on drying: 0.37%
Lead: ≤ 1 mg/kg
NaCl: 97.1%
Total plate counts: ≤ 10 cfu/g
Salmonella: Negative
Coliforms: < 3.0 MPN/g
E.coli: < 3.0 MPN/g
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA