

## Certificate of Analysis

---

Product Name: Nisin Z( $\geq 900$ IU/mg)  
Cat. No.: GD19056  
Batch No.: 2  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 137061-46-2  
Molecular Formula:  $C_{141}H_{229}N_{41}O_{38}S_7$   
Molecular Weight: 3331.05  
Storage: 2-8°C

Chemical Structure:



### ANALYTICAL DATA

Appearance: A solid  
Assay:  $\geq 900$ IU/mg  
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: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com  
Address: 10292 Central Ave. #205, Montclair, CA, USA