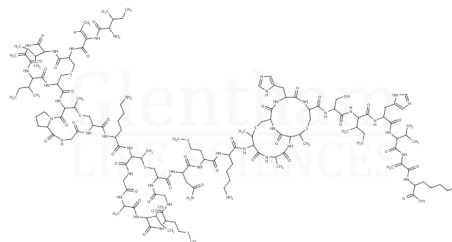


## Certificate of Analysis

Product Name	Nisin
Glentham Code	GA1106
CAS Number	1414-45-5
MDL Number	MFCD00131724
Batch Number	627LNB

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Molecular Weight	3354.07
Molecular Formula	$C_{143}H_{230}N_{42}O_{37}S_7$
Storage Temp.	+4°C



Property	Specification	Batch 627LNB
Physical Description	Off-white to light-brown powder	Light-brown powder
Potency	$\geq 900IU/mg$ (as is)	1040IU/mg
Water	$\leq 3.0\%$	1.2%
Sodium Chloride (NaCl)	$\geq 50.0\%$	Conforms
Lead (Pb)	$\leq 1ppm$	Conforms
Aerobic Bacterial Count	$\leq 10CFU/g$	$\leq 10CFU/g$
Source	Lactococcus lactis	Conforms

Specification Version	v1.0
Manufacture Date	2024-01-26
Re-Test Date	2032-02-05

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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