

Certificate of Analysis

Product Name : Nisin from *Lactococcus lactis* potency: ≥ 900 IU/mg
Product Number : N5764-25G
Batch Number : 0000478690
Source Batch : 4264784569
CAS Number : 1414-45-5
MDL Number : MFCD00131724
Storage Temperature : +2°C to +8°C
Molecular Formula : $C_{143}H_{230}N_{42}O_{37}S_7$
Formula Weight : 3354.07 g/mol
Expiry Date : Nov 2026
Quality Release Date : 12 May 2025

Test	Specification	Result
Appearance (Color) Grayish-white, White to Light Yellow and Faint Beige to Light Beige and Faint Brown to Light Brown	Conforms	Conforms
Appearance (Form)	Powder	Powder
Potency (as is) IU/mg	≥ 900	1021
Managed by	Expiration Date	Expiration Date
Results Provided by Supplier	-----	-----
Shelf Life Defined by Supplier	-----	-----
Handled & Packed Under ISO9001	-----	-----



Anna Bendersky, Quality Control Manager
Quality Control
Israel
IL

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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