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Certificate of Analysis

Product Description: Nisin_
Catalog Number: 155839_
Lot: Q3761_

Formula: $C_{143}H_{230}N_{42}O_{37}S_7$
CAS #: 1414-45-5
Physical Description: Cream-colored Powder

Formula Weight: 3354.25
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Activity	Report	1120000 IU/g
Nisin Content	~2.5%	Passes
Source	<i>Lactococcus lactis</i>	<i>Lactococcus lactis</i>
Moisture	≤3.0%	1.60%
pH (10% aq suspension)	3.1 - 3.6	3.23

Heavy metals (as Pb): <10 mg/kg

- Pb: <1 mg/kg

- Arsenic: <1 mg/kg

- Mercury: <1 mg/kg

Sodium Chloride: >50%

Aerobic bacterial count: <10 cfu/g

Coliform bacteria: Absent

Salmonella: Absent

Recommended Retest Date: 02/19/2018

03/05/2016 - John Huang, PhD
MP Biomedicals, LLC.

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)