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Certificate of Analysis

Product Description: Nisin_
Catalog Number: 155839_
Lot: QR15449_

Formula: N/A
CAS #: N/A
Physical Description: Tan Powder

Formula Weight: N/A
Storage: 15 - 30°C

| Test | Specification | Result |
|------------------------|---------------------------|---------------------------|
| Identity Test | Passes | Passes |
| Activity | Report | 1178000 IU/g |
| Nisin Content | ~2.5% | 2.5% |
| Source | <i>Lactococcus lactis</i> | <i>Lactococcus lactis</i> |
| Moisture | ≤3.0% | 1.67% |
| pH (10% aq suspension) | 3.1 - 3.6 | 3.20 |

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: 08/15/2020

04/17/2018 - 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)