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Certificate of Analysis

Product Description: Lactase
Catalog Number: 100780
Lot: QR13591

Formula: n/a
CAS #: n/a
Physical Description: Off-white Powder

Formula Weight: n/a
Storage: +4°C

| Test | Specification | Results |
|---------------|---------------------------|---------------------------|
| Identity Test | Passes | Passes |
| Source | <i>Aspergillus oryzae</i> | <i>Aspergillus oryzae</i> |
| Activity | >5000 units/gram | 16,200 units/gram |

Unit Definition: One unit will hydrolyze 1.0 μ mole of o-nitrophenyl-beta-D-galactoside to o-nitrophenol per minute at pH 4.5 and 30°C.
Lactose is hydrolyzed at approximately the same rate.

LOD: 3.26%
Lead: < 5 mg/Kg
Total Viable aerobic count: <1,000/g
Coliforms:< 30/g
E.coli: Negative/25 g
Salmonella: Negative/25 g
Recommended retest date: 03/15/2019



03/17/2017 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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