



Certificate of Analysis

Product Description: Lactase
Catalog Number: 100780
Lot: Q4868

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:11/09/2017

08/12/2016 - John Huang, PhD
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Quality Control Manager

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