

MP Biomedicals, LLC29525 Fountain Parkway
Solon, Ohio 44139Telephone: 440/337-1200
Toll Free: 800/854-0530

Fax: 440/337-1180

web: www.mpbio.com

Certificate of Analysis

Product Description: Glucose Oxidase
Catalog Number: 195196
Lot: M5683

Formula: N/A
CAS #: 9001-37-0
Physical Description: Yellow Lyophilized Powder

Formula Weight: N/A
Storage: -20°C, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Source	<i>Aspergillus niger</i>	<i>Aspergillus niger</i>
Activity	≥100 u/mg material	266 u/mg material
Protein Concentration	Report Result	0.745 mg (Lowry)
Catalase Activity	<10 u/mg	<0.01 u/mg
Amylase Activity	Report Result	<0.0001%
Maltase Activity	Report Result	0.004%
Saccharase Activity	Report Result	0.0004%

Unit Definition: one unit equals that amount of enzyme which causes the oxidation of one micromole of glucose per minute at 25 degrees C and pH 7.0.

E1%/280: 12.68

A handwritten signature in black ink that reads "Christina Marotta". The signature is written in a cursive style and is positioned above a horizontal line.

12/17/2012 - Christina Marotta
 MP Biomedicals, LLC.
 Technical Director

This is an electronically generated document
 mailto:biotech@mpbio.com
 http://www.mpbio.com

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