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Certificate of Analysis

Product Description: Glucose Oxidase
Catalog Number: 195196
Lot: M9877**Formula:** N/A
CAS #: 9001-37-0
Physical Description: Yellow Lyophilized Powder**Formula Weight:** N/A
Storage: -20°C, desiccate

Test	Specification	
Identity Test	Passes	Passes
Source	<i>Aspergillus niger</i>	<i>Aspergillus niger</i>
Activity	≥100 u/mg material	259 u/mg material
Protein Concentration	Report Result	0.779 mg protein/mg material (Lowry)
Catalase Activity	<10 u/mg	<0.01 u/mg
Amylase Activity	Report Result	<0.0001%
Maltase Activity	Report Result	0.0035%
Saccharase Activity	Report Result	0.0010%

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.

GO/CAT ratio: >25900

E %/280: 13.0

10/13/2014 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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