

**MP Biomedicals, LLC**

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530

Fax: 440/337-1180
web: www.mpbio.com

Certificate of Analysis

Product Description: Glycerol-3-phosphate Oxidase_
Catalog Number: 157240_
Lot: 2994K_

Formula: N/A
CAS #: 9046-28-0

Physical Description: Yellow Lyophilized Powder

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

Test	Specification	Result
Identity Test	Passes	Passes
Source	<i>Streptococcus</i> sp.	<i>Streptococcus</i> sp.
Activity	≥10 u/mg solid	51 u/mg solid

Unit Definition: One unit will oxidize 1.0 μmole of L-glycerol 3-phosphate to dihydroxyacetone phosphate with the formation of H₂O₂ per min at 37°C

Protein: 0.690 mg protein/mg powder

Specific Activity (37°C): 73.9 u/mg protein

Acetate Kinase: <0.0050%

Lactate Oxidase: 0.0001%

02/06/2009 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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<mailto:biotech@mpbio.com>

<http://www.mpbio.com>

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)