

**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: D-Glucose-6-phosphate Dipotassium Salt Hydrate

Catalog Number: 100313

Lot: 8730H

Formula: $C_6H_{11}O_9P_2K_2 \cdot xH_2O$

CAS #: 5996-17-8

Physical Description: White Powder

Formula Weight: 335.36 (anhyd)

Storage: -0°C, protect from light

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥95%	95.0%
FTIR	Conforms to Standard	Conforms to Standard
Moisture	Report Result	10.35%

Specific Rotation (c=4, H₂O): +19.2°

10/31/2005 - 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)