



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 Disodium Salt Hydrate.

Catalog Number: 100312.

Lot: 1565J.

Formula: $C_6H_{11}O_9PNa_2 \cdot xH_2O$

CAS #: 3671-99-6

Physical Description: White Powder

Formula Weight: 304.2 (anhydrous)

Storage: -0°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥98%	≥98%
FTIR	Conforms to Standard	Conforms to Standard
pH (1% aq soln)	7 - 9	7 .8
Optical Rotation (c=1, water)	+30° to +38°	+34°
Hydrate	Report Result	Tetrahydrate

03/09/2006 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document

<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)