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Certificate of Analysis

Product Description: D-Glucose-6-phosphate Disodium Salt Hydrate_
Catalog Number: 100312_
Lot: 2088C_

Formula: C ₆ H ₁₁ O ₉ PNa ₂ ·xH ₂ O CAS #: 3671-99-6 Physical Description: White Powder	Formula Weight: 304.2 (anhydrous) Storage: -0°C
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Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥98%	>98
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	70 - 80°C	78.3 - 80.1°C
pH (1% aq soln)	7 - 9	7.98
Optical Rotation (c=1, water)	+30° to +38°	+34°
Hydrate	Report Result	19.14%


Approved - 08/17/99 by Joe Dietz
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)