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## Certificate of Analysis

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

**Catalog Number:** 100313

**Lot:** 3580K

**Formula:** C<sub>6</sub>H<sub>11</sub>O<sub>9</sub>PK<sub>2</sub>·xH<sub>2</sub>O

**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	10.4% (KF)

Specific Rotation: +18.9° (c=4 in H<sub>2</sub>O)

04/03/2009 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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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)