

**MP Biomedicals, LLC**

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## Certificate of Analysis

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

**Catalog Number:** 100313

**Lot:** 5703J

**Formula:**  $C_6H_{11}O_9PK_2 \cdot xH_2O$

**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:** 19.2°

07/09/2007 - 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)