



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: Dextrose, Anhydrous, USP Grade_
Catalog Number: 199013_
Lot: M9180_

Formula: C₆H₁₂O₆

CAS #: 50-99-7

Physical Description: White Powder

Formula Weight: 180.15

Storage: Room Temperature

| Test | Specification | Result |
|---|------------------|---------|
| Identity Test | Passes | Passes |
| Color of Solution | Passes | Passes |
| Specific Rotation (100 mg/mL 0.012N NH ₄ OH) | +52.6° to +53.2° | 53.1° |
| Acidity | Passes | Passes |
| Loss On Drying | ≤0.5% | 0.10% |
| Residue on Ignition | ≤0.1% | 0.01% |
| Chloride | ≤0.018% | <0.018% |
| Sulfate | ≤0.025% | <0.025% |
| Arsenic | ≤1 ppm | <1 ppm |
| Heavy Metals | ≤5 ppm | <5 ppm |
| Dextrin | Passes | Passes |
| Soluble Starch | Passes | Passes |
| Sulfite | Passes | Passes |

Bacterium & Mildew: <10 cfu/g

Coliform: Not detected

Endotoxin: <1.25 Eu/g

Christina Marotta

06/02/2014 - Christina Marotta

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)