



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-(+)-Galactose Anhydrous, cell culture reagent
Catalog Number: 194670_
Lot: R27741_

Formula: C₆H₁₂O₆

CAS #: 59-23-4

Physical Description: White Powder

Formula Weight: 180.2

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥98%	98.7%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	160 - 170°C	161.1 - 162.2°C
Moisture	≤1.0%	0.1%
Optical Rotation (c=4, water)	+77° ± 5°	+78.7%

Residue on Ignition: 0.05%

Glucose: 0.1%

Heavy Metal: #10 mg/kg

Christina Marotta

12/02/2010 - 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)