

**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: N-Acetyl-beta-D-mannosamine Hydrate_

Catalog Number: 100109_

Lot: MR28136_

Formula: C₈H₁₅NO₆·H₂O

CAS #: 4773-29-9

Physical Description: White Powder

Formula Weight: 239.2

Storage: -0°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	~95%	99.7%
FTIR	Conforms to Standard	Conforms to Standard
Specific Rotation	+10.2° ± 0.5°	+10.0°
Moisture	≤8.0%	4.84%
Residue on Ignition	≤0.1%	0.02%
Heavy Metals	≤10 ppm	≤10 ppm
Chloride	≤50 ppm	≤50 ppm

Christina Marotta

04/11/2011 - Christina Marotta

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)