



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: Stachyose tetrahydrate_
Catalog Number: 153946_
Lot: 2222B_

Formula: C₂₄H₄₂O₂₁·4H₂O

CAS #: 10094-58-3

Physical Description: White powder

Formula Weight: 738.64

Storage: Room temperature

Test	Specification	Results
Identity test	Passes	Passes
FTIR	Conforms to standard	Conforms to standard
Melting Point	102 - 110 ^o C	107.1 - 108.3 ^o C
Optical Rotation (C=4,H ₂ O)	+130 ^o to +135 ^o	+132.5 ^o
Loss on Drying	≤ 9.9%	8.8%

Approved - 12/21/98 by Joe Dietz

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)