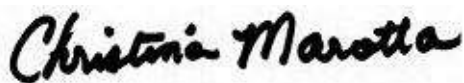


MP Biomedicals, LLC29525 Fountain Parkway
Solon, Ohio 44139Telephone: 440/337-1200
Toll Free: 800/854-0530

Certificate of Analysis

Product Description: N-Acetylneuraminic Acid
Catalog Number: 153851
Lot: M9453**Formula:** $C_{11}H_{19}NO_9$ **CAS #:** 131-48-6**Physical Description:** Off-White Powder**Formula Weight:** 309.27**Storage:** +4°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥98%	98%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	180 - 190°C	187°C (dec)

07/28/2014 - Christina Marotta
MP Biomedicals, LLC.
Technical DirectorThis is an electronically generated document
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<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)