



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: Streptozotocin_
Catalog Number: 100557_
Lot: MR31020_

Formula: C₈H₁₅N₃O₇

CAS #: 18883-66-4

Physical Description: Off-white Powder

Formula Weight: 265.2

Storage: -20°C, desiccate, store under nitrogen

Test	Specification	Result
Identity Test	Passes	Passes
Purity	#97%	99.5% (HPLC)
Alpha Anomer	~75.0%	85%
FTIR	Conforms to Standard	Conforms to Standard
Expiration Date	Month/Day/Year	01/10/2015

Melting Point: 120°C

[α]_D (c=1, H₂O): +39°

Residue on Ignition: 0.02%

Heavy Metals: <20 ppm

Loss on Drying: 0.20%

Related Substances:

-- Single Impurity: 0.1%

-- Total Impurity: 0.2%

Christina Marotta

01/13/2014 - 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

