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Certificate of Analysis

Product Description: Streptozotocin_
Catalog Number: 100557_
Lot: Q3946_

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%	99.9%
Alpha Anomer	~75.0%	97.7%
FTIR	Conforms to Standard	Conforms to Standard
Expiration Date	Month/Day/Year	01/17/2017

UV (0.001% in water): Amax at 228 nm

Melting point: 121°C (Dec.)

[α]_D (c=1, H₂O): +39°

Residue on ignition: 0.02%

Heavy metals: <20 ppm

Water: 0.25%

Single impurity: 0.02%

Total impurity: 0.2%

04/09/2016 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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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)