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Certificate of Analysis

Product Description: Streptozotocin_
Catalog Number: 100557_
Lot: QR15289_

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%	99.8%
Alpha Anomer	#75.0%	94.8%
FTIR	Conforms to Standard	Conforms to Standard
Expiration Date	Month/Day/Year	09/12/2019

UV (0.001% in water): Amax at 228.8 nm

Melting point: 121°C (Dec.)

[α]_D (c=1, H₂O): +39°

Residue on ignition: 0.04%

Heavy metals: <20 ppm

Water: 0.27%

Single impurity: 0.14%

Total impurity: 0.35%

03/14/2018 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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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)