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Certificate of Analysis

Product Description: Streptozotocin_
Catalog Number: 100557_
Lot: QR10039_

Formula: C₈H₁₅N₃O₇

CAS #: 18883-66-4

Physical Description: Off-white Powder

Formula Weight: 265.2

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

Test	Specification	Results
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	11/10/2015

Melting Point: 118.8 ° - 119.5°

[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

11/11/2014 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

