

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-22 09:42:49
 Date of Next Testing: 2027-08-21 09:42:49
 Product Name: **Streptozocin**
 CAS Number: 18883-66-4
 Specifications & Purity: Moligand™, ≥98%, mixture of isomers
 Lot #: H2315087
 SKU #: **S110910**
 Version: **0**
 Analysis #: **244972**
 Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	35.9-36.6 (%)	36.17280 %
Alpha Anomer by HPLC	75-100 (%)	82.50000 %
Water by Karl Fischer	0-3 (%)	0.42790 %
Purity(total isomers) (HPLC)	98-100 (%)	99.49400 %
Nitrogen by Elemental Analysis	15.4-16.2 (%)	15.42800 %
Appearance (S110910)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
LC-MS for identification	Conforms	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , Yellow clear solution(50 mg/mL)	pass	Pass



John Su
QA & QC Manager