

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-03 09:51:11

Date of Next Testing: 2030-03-02 09:51:11

Product Name: **Streptozocin**

CAS Number: 18883-66-4

Specifications & Purity: Moligand™, ≥98%, mixture of isomers

Lot #: B2628642

SKU #: **S110910**

Version: **0**

Analysis #: **638063**

Storage Temperature: Protected from light, Store at -20°C, Argon charged

| Parameter                                                        | Limit Values                             | Result                                   |
|------------------------------------------------------------------|------------------------------------------|------------------------------------------|
| Carbon by Elemental Analysis(anhydrous)                          | 35.9-36.6 (%)                            | 36.30900 %                               |
| Alpha Anomer by HPLC                                             | 75-100 (%)                               | 85.48000 %                               |
| Water by Karl Fischer                                            | 0-3 (%)                                  | 0.05330 %                                |
| Purity(total isomers) (HPLC)                                     | 98-100 (%)                               | 99.93700 %                               |
| Nitrogen by Elemental Analysis                                   | 15.4-16.2 (%)                            | 15.75400 %                               |
| Appearance (S110910)                                             | White to Light Yellow Powder or Crystals | White to Light Yellow Powder or Crystals |
| LC-MS for identification                                         | Conforms                                 | Conforms                                 |
| Solubility in H <sub>2</sub> O , Yellow clear solution(50 mg/mL) | pass                                     | Pass                                     |
| <sup>13</sup> C NMR Spectrum                                     | Conforms to Structure                    | Conforms to Structure                    |
| Proton NMR spectrum                                              | Conforms to Structure                    | Conforms to Structure                    |



John Su  
QA & QC Manager