

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-20 13:17:46

Date of Next Testing: 2028-05-19 13:17:46

Product Name: **Sophoridine**

CAS Number: 6882-68-4

Specifications & Purity:  $\geq 98\%$ (GC)(T)

Lot #: H2212534

SKU #: **S404708**Version: **1**Analysis #: **511157**

Storage Temperature: Store at 2-8°C

| Parameter                                                | Limit Values                            | Result                                  |
|----------------------------------------------------------|-----------------------------------------|-----------------------------------------|
| Purity(GC)                                               | 98-100 (%)                              | 99.10 %                                 |
| Melting point                                            | 107-111 (°C)                            | 110.30000 °C                            |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$ | -73--66 (°)                             | -70.40°                                 |
| Appearance(S404708)                                      | White to Light yellow powder to crystal | White to Light yellow powder to crystal |
| Proton NMR spectrum                                      | Conforms to structure                   | Conforms to Structure                   |

A handwritten signature in black ink that reads "John Su".John Su  
QA & QC Manager