

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-17 11:10:07  
 Date of Next Testing: 2027-10-17 11:10:07  
 Product Name: **Cisatracurium Besylate**  
 CAS Number: 96946-42-8  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: A2409223  
 SKU #: **C129903**  
 Version: **1**  
 Analysis #: **588775**  
 Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

| Parameter                                                           | Limit Values              | Result                |
|---------------------------------------------------------------------|---------------------------|-----------------------|
| Purity(HPLC)                                                        | 98-100 (%)                | 99.69400 %            |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in Acetonitrile})$    | $-60 \sim -50 (^{\circ})$ | $-55.84^{\circ}$      |
| Appearance (C129903)                                                | White powder              | White powder          |
| Proton NMR spectrum                                                 | Conforms to Structure     | Conforms to Structure |
| Solubility in H <sub>2</sub> O , Colorless Clear(0.95 - 1.05 mg/ml) | pass                      | Pass                  |



John Su  
QA & QC Manager