

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-14 19:03:14  
 Date of Next Testing: 2027-03-13 19:03:14  
 Product Name: **1,4-Diazabicyclo[2.2.2]octane Dihydrobromide**  
 CAS Number: 54581-69-0  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: C23101307  
 SKU #: **D155684**  
 Version: **1**  
 Analysis #: **181736**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                       | Limit Values                            | Result                                  |
|---------------------------------|-----------------------------------------|-----------------------------------------|
| Purity (Argentmetric Titration) | 96.5-102.5 (%)                          | 101.49000 %                             |
| Appearance(D155684)             | White to Almost white powder to crystal | White to Almost white powder to crystal |
| NMR Spectrum 1H                 | Conforms to Structure                   | Conforms to Structure                   |



John Su  
QA & QC Manager