

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-10 16:40:00  
 Date of Next Testing: 2028-08-09 16:40:00  
 Product Name: **1,2,3-Triphenylguanidine**  
 CAS Number: 101-01-9  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: H2402469  
 SKU #: **T162143**  
 Version: **2**  
 Analysis #: **392253**  
 Storage Temperature: Room temperature

| Parameter                   | Limit Values                            | Result                                  |
|-----------------------------|-----------------------------------------|-----------------------------------------|
| Purity(HPLC)                | 97-100 (%)                              | 97.60000 %                              |
| Purity(NonaqueousTitration) | 96.5-102.5 (%)                          | 99.30000 %                              |
| Melting point               | 144-147 (°C)                            | 145.70000 °C                            |
| Appearance(T162143)         | 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