

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-23 14:35:28  
 Date of Next Testing: 2028-05-22 14:35:28  
 Product Name: **Guanidine carbonate**  
 CAS Number: 593-85-1  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: E2411194  
 SKU #: **G104710**  
 Version: **0**  
 Analysis #: **351012**  
 Storage Temperature: Room temperature, Desiccated

| Parameter                               | Limit Values                             | Result                                   |
|-----------------------------------------|------------------------------------------|------------------------------------------|
| Purity(Titration by HClO <sub>4</sub> ) | 98.5-101.5 (%)                           | 100.28000 %                              |
| Purity(HPLC)                            | 99-100 (%)                               | 99.01000 %                               |
| Appearance (G104710)                    | White Solid                              | White Solid                              |
| Solubility 5% in H <sub>2</sub> O       | Clear colorless to light yellow solution | Clear colorless to light yellow solution |
| Infrared spectrum                       | Conforms to Structure                    | Conforms to Structure                    |



John Su  
QA & QC Manager