

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-06 16:13:21  
 Date of Next Testing: 2029-08-05 16:13:21  
 Product Name: **Guandine thiocyanate**  
 CAS Number: 593-84-0  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: J2121220  
 SKU #: **G110926**  
 Version: **1**  
 Analysis #: **551036**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                                  | Limit Values                                  | Result                                        |
|--------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Sodium(Na)                                 | 0-0.5 (%)                                     | 0.00750 %                                     |
| Heavy metal (as Pb)                        | 0-5 (ppm)                                     | 0.02400 ppm                                   |
| Iron(Fe)                                   | 0-5 (ppm)                                     | 0.00000 ppm                                   |
| Purity (Argentmetric Titration)            | 98.5-101.5 (%)                                | 98.60000 %                                    |
| Barium(Ba)                                 | 0-5 (ppm)                                     | 0.11000 ppm                                   |
| Melting point                              | 118-122 (°C)                                  | 118.50000 °C                                  |
| Appearance (G110926)                       | White to Off-White Solid, Powder, or Crystals | White to Off-White Solid, Powder, or Crystals |
| Infrared spectrum                          | Conforms to Structure                         | Conforms to Structure                         |
| Solubility in H <sub>2</sub> O , Colorless | pass                                          | Pass                                          |
| Clear, 4M                                  |                                               |                                               |



John Su  
QA & QC Manager