

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-20 15:28:41
Date of Next Testing: 2026-07-10 15:28:41
Product Name: **Guandine thiocyanate**
CAS Number: 593-84-0
Specifications & Purity: for molecular biology, $\geq 99\%$
Lot #: G2415188
SKU #: **G110925**
Version: **0**
Analysis #: **382391**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|--|---------------------------------------|---------------------------------------|
| Barium(Ba) | 0-5 (ppm) | 0.00 ppm |
| Potassium(K) | 0-0.005 (%) | 0.00 % |
| Heavy metal (as Pb) | 0-5 (ppm) | 0.00 ppm |
| Purity(Titration by AgNO ₃) | 98.5-101.5 (%) | 101.01 % |
| Sodium(Na) | 0-0.5 (%) | 0.10 % |
| Appearance (G110925) | Colorless or White Powder or Crystals | Colorless or White Powder or Crystals |
| DNases,RNases, | none detected | none detected |
| Solubility in H ₂ O , Colorless , Clear , 100 mg in 1 mL H ₂ O | pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager