

Certificate of Analysis

Date of Testing: 2022-01-11 15:54:53
Date of Next Testing: 2026-01-10 15:54:53
Product Name: **Guandine thiocyanate**
CAS Number: 593-84-0
Specifications & Purity: $\geq 99\%$
Lot #: A2207146
SKU #: **G110926**
Analysis: **065793**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|---|---|
| Sodium(Na) | 0-0.5 (%) | 0.01 % |
| Heavy metal (as Pb) | 0-5 (ppm) | 2.02 ppm |
| Iron(Fe) | 0-5 (ppm) | 2.03 ppm |
| Purity (Argentometric Titration) | 98.5-101.5 (%) | 100.99 % |
| Barium(Ba) | 0-5 (ppm) | 4.27 ppm |
| Melting point | 118-122 (°C) | 120.50000 °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 ₂ O , Colorless Clear,4M | pass | Pass |



John Su
QA & QC Manager