

## Certificate of Analysis

Date of Testing: 2022-12-07 19:45:19  
 Date of Next Testing: 2026-12-06 19:45:19  
 Product Name: **Guandine thiocyanate**  
 CAS Number: 593-84-0  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: L2207008  
 SKU #: **G110926**  
**Analysis:** **164524**  
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sodium(Na)	0-0.5 (%)	0.42 %
Heavy metal (as Pb)	0-5 (ppm)	0.70 ppm
Iron(Fe)	0-5 (ppm)	3.50 ppm
Purity (Argentometric Titration)	98.5-101.5 (%)	101.24 %
Barium(Ba)	0-5 (ppm)	1.50 ppm
Melting point	118-122 (°C)	119.50000 °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 Clear,4M	pass	Pass



John Su  
 QA & QC Manager