

## Certificate of Analysis

Date of Testing: 2022-07-14 14:18:08  
Date of Next Testing: 2026-07-13 14:18:08  
Product Name: **Guandine thiocyanate**  
CAS Number: 593-84-0  
Specifications & Purity:  $\geq 99\%$   
Lot #: G2207031  
SKU #: **G110926**  
**Analysis:** **113507**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sodium(Na)	0-0.5 (%)	0.15 %
Heavy metal (as Pb)	0-5 (ppm)	0.17 ppm
Iron(Fe)	0-5 (ppm)	2.80 ppm
Purity (Argentometric Titration)	98.5-101.5 (%)	101.25 %
Barium(Ba)	0-5 (ppm)	0.37 ppm
Melting point	118-122 (°C)	120.17000 °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