

## Certificate of Analysis

Date of Testing: 2023-02-22 23:29:37  
Date of Next Testing: 2027-02-21 23:29:37  
Product Name: **Guandine thiocyanate**  
CAS Number: 593-84-0  
Specifications & Purity:  $\geq 99\%$   
Lot #: B2314545  
SKU #: **G110926**  
**Analysis:** **190842**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sodium(Na)	0-0.5 (%)	0.39 %
Heavy metal (as Pb)	0-5 (ppm)	0.04 ppm
Iron(Fe)	0-5 (ppm)	2.50 ppm
Purity (Argentometric Titration)	98.5-101.5 (%)	101.49 %
Barium(Ba)	0-5 (ppm)	0.01 ppm
Melting point	118-122 (°C)	119.00000 °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