

Certificate of Analysis

Date of Testing: 2022-08-20 16:10:13
Date of Next Testing: 2026-08-19 16:10:13
Product Name: **Guandine thiocyanate**
CAS Number: 593-84-0
Specifications & Purity: $\geq 99\%$
Lot #: H2212331
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 ₂ O , Colorless Clear,4M	pass	Pass



John Su
QA & QC Manager