

Certificate of Analysis

Date of Testing: 2022-10-15 17:12:34
Date of Next Testing: 2026-10-14 17:12:34
Product Name: **Guandine thiocyanate**
CAS Number: 593-84-0
Specifications & Purity: $\geq 99\%$
Lot #: J2214752
SKU #: **G110926**
Analysis: 138791
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sodium(Na)	0-0.5 (%)	0.34 %
Heavy metal (as Pb)	0-5 (ppm)	0.26 ppm
Iron(Fe)	0-5 (ppm)	3.10 ppm
Purity (Argentometric Titration)	98.5-101.5 (%)	100.64 %
Barium(Ba)	0-5 (ppm)	0.02 ppm
Melting point	118-122 (°C)	119.30000 °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