

Certificate of Analysis

Date of Testing: 2023-08-10 09:22:55
Date of Next Testing: 2027-08-09 09:22:55
Product Name: **Guandine thiocyanate**
CAS Number: 593-84-0
Specifications & Purity: $\geq 99\%$
Lot #: H23031216
SKU #: **G110926**
Analysis: **227130**
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)	1.30 ppm
Purity (Argentometric Titration)	98.5-101.5 (%)	101.49 %
Barium(Ba)	0-5 (ppm)	0.01 ppm
Melting point	118-122 (°C)	120.12000 °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