

Certificate of Analysis

Date of Testing: 2024-09-29 10:48:30

Date of Next Testing: 2028-09-28 10:48:30

Product Name: **Guandine thiocyanate**

CAS Number: 593-84-0

Specifications & Purity: $\geq 99\%$

Lot #: I2425327

SKU #: **G110926**

Version: **1**

Analysis #: **314536**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sodium(Na)	0-0.5 (%)	0.02 %
Heavy metal (as Pb)	0-5 (ppm)	1.00 ppm
Iron(Fe)	0-5 (ppm)	2.01 ppm
Purity (Argentmetric Titration)	98.5-101.5 (%)	99.14 %
Barium(Ba)	0-5 (ppm)	3.01 ppm
Melting point	118-122 (°C)	119.11000 °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	pass	Pass
Clear,4M		



John Su
QA & QC Manager