

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-23 17:28:47
Date of Next Testing: 2027-02-22 17:28:47
Product Name: **Guandine thiocyanate**
CAS Number: 593-84-0
Specifications & Purity: $\geq 99\%$
Lot #: B2314600
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 ₂ O , Colorless Clear,4M	pass	Pass



John Su
QA & QC Manager