

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2022-10-15 17:23:20
Date of Next Testing:	2026-10-14 17:23:20
Product Name:	Guandine thiocyanate
CAS Number:	593-84-0
Specifications & Purity:	≥99%
Lot #:	J2214753
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