

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-05-24 13:13:13
Date of Next Testing:	2027-05-23 13:13:13
Product Name:	Guandine thiocyanate
CAS Number:	593-84-0
Specifications & Purity:	≥99%
Lot #:	E23231296
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