

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-09 15:44:27

Date of Next Testing: 2029-10-08 15:44:27

Product Name: **Guandine thiocyanate**

CAS Number: 593-84-0

Specifications & Purity: $\geq 99\%$

Lot #: A2207148

SKU #: **G110926**

Version: **1**

Analysis #: **584393**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Sodium(Na)	0-0.5 (%)	0.00948 %
Heavy metal (as Pb)	0-5 (ppm)	2.01800 ppm
Iron(Fe)	0-5 (ppm)	2.02800 ppm
Purity (Argentmetric Titration)	98.5-101.5 (%)	100.98600 %
Barium(Ba)	0-5 (ppm)	4.26800 ppm
Melting point	118-122 (°C)	118.61800 °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