

## Certificate of Analysis

Date of Testing: 2022-07-20 16:58:04

Date of Next Testing: 2024-07-09 16:58:04

Product Name: **Guandine thiocyanate**

CAS Number: 593-84-0

Specifications & Purity: for molecular biology, ≥99%

Lot #: G2207480

SKU #: **G110925**

**Analysis:** **092206**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Barium(Ba)	0-5 (ppm)	0.37 ppm
Potassium(K)	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.17 ppm
Purity(Titration by AgNO3)	98.5-101.5 (%)	101.25 %
Sodium(Na)	0-0.5 (%)	0.12 %
Appearance (G110925)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
DNases,RNases,	none detected	none detected
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , Colorless , Clear , 100 mg in 1 mL H2O	pass	Pass



John Su  
QA & QC Manager