

Certificate of Analysis

Date of Testing: 2022-08-10 17:16:25

Date of Next Testing: 2024-07-30 17:16:25

Product Name: **Guandine thiocyanate**

CAS Number: 593-84-0

Specifications & Purity: for molecular biology, ≥99%

Lot #: I2022020

SKU #: **G110925**

Analysis: **123702**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Barium(Ba)	0-5 (ppm)	2.30 ppm
Potassium(K)	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	2.40 ppm
Purity(Titration by AgNO3)	98.5-101.5 (%)	98.57 %
Sodium(Na)	0-0.5 (%)	0.31 %
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