

Certificate of Analysis

Date of Testing: 2022-11-18 11:40:12
Date of Next Testing: 2024-11-07 11:40:12
Product Name: **Guandine thiocyanate**
CAS Number: 593-84-0
Specifications & Purity: for molecular biology, $\geq 99\%$
Lot #: K2216062
SKU #: **G110925**
Analysis: **151755**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Barium(Ba)	0-5 (ppm)	0.00 ppm
Potassium(K)	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	4.48 ppm
Sodium(Na)	0-0.5 (%)	0.39 %
Purity(Titration by AgNO ₃)	98.5-101.5 (%)	101.48 %
Appearance (G110925)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
DNases,RNases,	none detected	none detected
Solubility in H ₂ O , Colorless , Clear , 100 mg in 1 mL H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager