

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-08 09:27:32
Date of Next Testing: 2029-12-07 09:27:32
Product Name: **Guanidine Hydrochloride(GACI)**
CAS Number: 50-01-1
Specifications & Purity: for protein analysis, $\geq 99.5\%$
Lot #: L2502677
SKU #: **G108675**
Version: **0**
Analysis #: **613928**
Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.05 (%)	0.01250 %
UV Absorbance 260nm	0-0.039	0.01200
Loss on drying	0-0.05 (%)	0.00200 %
Melting point	180-190 (°C)	186.67000 °C
UV Absorbance 280nm	0-0.025	0.00800
Purity(Titration by AgNO ₃)	99.5-100.5 (%)	99.95000 %
pH	4.5-6	4.71000
Appearance (G108675)	White Powder or Crystals	White Powder or Crystals
Insoluble matter	pass	Pass
protein-analysis test	pass	Pass
λ ,6 M in H ₂ O (6mol/L, H ₂ O)	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Protein denaturation test	pass	Pass



John Su
QA & QC Manager