

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-30 14:06:44
Date of Next Testing: 2029-08-29 14:06:44
Product Name: **Guanidine Hydrochloride(GACI)**
CAS Number: 50-01-1
Specifications & Purity: for protein analysis, $\geq 99.5\%$
Lot #: H2527254
SKU #: **G108675**
Version: **0**
Analysis #: **560167**
Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.05 (%)	0.01050 %
UV Absorbance 260nm	0-0.039	0.02100
Loss on drying	0-0.05 (%)	0.01050 %
Melting point	180-190 (°C)	185.68000 °C
UV Absorbance 280nm	0-0.025	0.01700
pH	4.5-6	4.66000
Purity(Titration by AgNO3)	99.5-100.5 (%)	100.48000 %
Appearance (G108675)	White Powder or Crystals	White Powder or Crystals
Insoluble matter	pass	Pass
protein-analysis test	pass	Pass
$\lambda, 6$ 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