

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-18 14:43:30  
Date of Next Testing: 2030-03-17 14:43:30  
Product Name: **Guanidine Hydrochloride(GACI)**  
CAS Number: 50-01-1  
Specifications & Purity: for protein analysis,  $\geq 99.5\%$   
Lot #: C2613566  
SKU #: **G108675**  
Version: **0**  
Analysis #: **666761**  
Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.05 (%)	0.02500 %
UV Absorbance 260nm	0-0.039	0.00600
Loss on drying	0-0.05 (%)	0.03000 %
Melting point	180-190 (°C)	187.82000 °C
UV Absorbance 280nm	0-0.025	0.00000
pH	4.5-6	5.46000
Purity(Titration by AgNO <sub>3</sub> )	99.5-100.5 (%)	100.45000 %
Appearance (G108675)	White Powder or Crystals	White Powder or Crystals
Insoluble matter	pass	Pass
protein-analysis test	pass	Pass
$\lambda$ ,6 M in H <sub>2</sub> O (6mol/L, H <sub>2</sub> O)	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Protein denaturation test	pass	Pass



John Su  
QA & QC Manager