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ALADDIN SCIENTIFIC CORPORATION
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Certificate of Analysis

Date of Testing:	2025-08-30 14:07:53
Date of Next Testing:	2029-08-29 14:07:53
Product Name:	**Guanidine Hydrochloride(GACl)**
CAS Number:	50-01-1
Specifications & Purity:	for protein analysis, ≥99.5%
Lot #:	H2527276
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（℃）	185.68000 ℃
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
λ,6 M in H2O (6mol/L, H2O）	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Protein denaturation test	pass	Pass

John Su
QA & QC Manager