

Certificate of Analysis

Date of Testing: 2023-06-07 14:52:07
Date of Next Testing: 2026-06-06 14:52:07
Product Name: **Guanidine hydrochloride**
CAS Number: 50-01-1
Specifications & Purity: $\geq 99\%$ (titration), organic base and chaetotropic agent
Lot #: E23301352
SKU #: **G432765**
Analysis: **237830**

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.3 (%)	0.10 %
A260 UV Absorption 6 M solution	≤ 0.1	0.00500
Titration by AgNO ₃ (% Cl)	99-102.5 (%)	99.51 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility(at 6 M in H ₂ O (286 g to 500 ml)Clear Colorless	pass	Pass
Appearance(G432765)	White Powder or Crystals	White Powder or Crystals



John Su
QA & QC Manager