

Certificate of Analysis

Date of Testing: 2023-06-07 15:14:00
Date of Next Testing: 2026-06-06 15:14:00
Product Name: **Guanidine hydrochloride**
CAS Number: 50-01-1
Specifications & Purity: $\geq 99\%$ (titration), organic base and chaetotropic agent
Lot #: E23301274
SKU #: **G432765**
Analysis: **237754**

| Parameter | Limit Values | Result |
|--|--------------------------|--------------------------|
| Water by Karl Fischer | 0-0.3 (%) | 0.01% |
| 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 |



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QA & QC Manager