

## Certificate of Analysis

Date of Testing: 2022-11-05 17:18:37  
Date of Next Testing: 2026-11-04 17:18:37  
Product Name: **Guanidine Hydrochloride**  
CAS Number: 50-01-1  
Specifications & Purity: reagent grade, 98.0%  
Lot #: K2203049  
SKU #: **G108677**  
**Analysis:** **151748**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.2 (%)	0.00 %
Assay	98-100 (%)	99.23 %
Ammonia (NH <sub>4</sub> )	0-0.1 (%)	0.01 %
Water by Karl Fischer	0-0.5 (%)	0.11 %
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager