

## Certificate of Analysis

Date of Testing: 2022-08-10 18:28:02  
Date of Next Testing: 2026-08-09 18:28:02  
Product Name: **Guanidinium hydrochloride, Technical Grade low ash**  
CAS Number: 50-01-1  
Specifications & Purity: Technical Grade  
Lot #: H2206592  
SKU #: **G274290**  
**Analysis: 100184**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
PH(25 °C, 4% in Water)	4.5-6	5.74
Loss on drying	≤0.6 (%)	0.00 %
Ash	≤0.5 (%)	0.10 %
Insoluble matter in H <sub>2</sub> O	≤0.6 (%)	0.00 %
Ammonium chloride	0.1-0.8 (%)	0.16 %
Purity(Titration by AgNO <sub>3</sub> )	97.5-102.5 (%)	100.67 %
Appearance(G274290)	White powder to crystal	White powder to crystal
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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QA & QC Manager