

Certificate of Analysis

Date of Testing: 2022-08-10 18:26:24
Date of Next Testing: 2026-08-09 18:26:24
Product Name: **Guanidinium hydrochloride, Technical Grade low ash**
CAS Number: 50-01-1
Specifications & Purity: Technical Grade
Lot #: H2206587
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 ₂ O	≤0.6 (%)	0.00 %
Ammonium chloride	0.1-0.8 (%)	0.16 %
Purity(Titration by AgNO ₃)	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



John Su
QA & QC Manager