

## Certificate of Analysis

Date of Testing: 2023-02-24 21:19:51  
Date of Next Testing: 2027-02-23 21:19:51  
Product Name: **3-Amino-4-pyrazolecarboxamide hemisulfate salt**  
CAS Number: 27511-79-1  
Specifications & Purity: 98%  
Lot #: B2322189  
SKU #: **A102971**  
Analysis: **048115**

Parameter	Limit Values	Result
Purity	98-100 (%)	99.71%
Appearance (A102971)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager