

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2022-11-24 16:25:31  
Date of Next Testing: 2026-11-23 16:25:31  
Product Name: **3-Amino-1,2,4-triazole-5-thiol**  
CAS Number: 16691-43-3  
Specifications & Purity:  $\geq 98\%$   
Lot #: K2222113  
SKU #: **A107449**  
Version: **0**  
Analysis #: **122897**  
Storage Temperature: Room temperature

| Parameter            | Limit Values                                    | Result                                          |
|----------------------|-------------------------------------------------|-------------------------------------------------|
| Loss on drying       | 0-1 (%)                                         | 0.51000 %                                       |
| Purity(HPLC)         | 98-100 (%)                                      | 99.22900 %                                      |
| Sulfate Ash          | 0-0.5 (%)                                       | 0.23000 %                                       |
| Appearance (A107449) | White to Off-White to Yellow Powder or Crystals | White to Off-White to Yellow Powder or Crystals |
| Carbon NMR Spectrum  | Conforms to Structure                           | Conforms to Structure                           |
| Infrared spectrum    | Conforms to Structure                           | Conforms to Structure                           |



John Su  
QA & QC Manager