

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-13 16:12:31  
 Date of Next Testing: 2027-07-12 16:12:31  
 Product Name: **3-Amino-1,2,4-triazole**  
 CAS Number: 61-82-5  
 Specifications & Purity:  $\geq 96\%$   
 Lot #: G2311308  
 SKU #: **A107202**  
 Version: **1**  
 Analysis #: **239317**  
 Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter                                                                            | Limit Values                   | Result                       |
|--------------------------------------------------------------------------------------|--------------------------------|------------------------------|
| Melting point                                                                        | 152-157 ( $^{\circ}\text{C}$ ) | 153.79000 $^{\circ}\text{C}$ |
| Purity(Titration by $\text{AgNO}_3$ )                                                | 95.5-104.5 (%)                 | 99.60000 %                   |
| Purity(HPLC)                                                                         | 96-100 (%)                     | 99.28000 %                   |
| Appearance (A107202)                                                                 | White to Off-White<br>Powder   | White to Off-White<br>Powder |
| Proton NMR spectrum                                                                  | Conforms to Structure          | Conforms to Structure        |
| Solubility in $\text{H}_2\text{O}$ , colorless to faint yellow clear to hazy,50mg/ml | pass                           | Pass                         |



John Su  
QA & QC Manager