

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-20 10:32:58  
 Date of Next Testing: 2027-05-20 10:32:58  
 Product Name: **3,5-Diamino-1,2,4-triazole**  
 CAS Number: 1455-77-2  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: E2519158  
 SKU #: **D132247**  
 Version: **1**  
 Analysis #: **507592**  
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter                                                                                     | Limit Values                                             | Result                                                   |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| Carbon by Elemental Analysis                                                                  | 23.6-24.8 (%)                                            | 24.04200 %                                               |
| Nitrogen by Elemental Analysis                                                                | 68.9-72.4 (%)                                            | 70.43800 %                                               |
| Purity(Titration by HClO <sub>4</sub> )(anhydrous basis)                                      | 97.5-102.5 (%)                                           | 99.57000 %                                               |
| Appearance (D132247)                                                                          | White to Orange to Tan<br>Solid, Powder, Crystal, Chunks | White to Orange to Tan<br>Solid, Powder, Crystal, Chunks |
| Solubility in H <sub>2</sub> O , Colorless to Yellow, Clear to pass<br>Slightly Hazy, 25mg/ml |                                                          | Pass                                                     |
| Infrared spectrum                                                                             | Conforms to Structure                                    | Conforms to Structure                                    |



John Su  
QA & QC Manager