

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-26 15:09:54  
 Date of Next Testing: 2027-05-25 15:09:54  
 Product Name: **3-Amino-1-phenyl-2-pyrazolin-5-one**  
 CAS Number: 4149-06-8  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: E2320063  
 SKU #: **A151513**  
 Version: **1**  
 Analysis #: **209368**  
 Storage Temperature: Room temperature

| Parameter                        | Limit Values                                    | Result                                          |
|----------------------------------|-------------------------------------------------|-------------------------------------------------|
| Purity(HPLC area)                | 97-100 (%)                                      | 99.50000 %                                      |
| Purity(Neutralization titration) | 96.5-103.5 (%)                                  | 98.67000 %                                      |
| Appearance(A151513)              | White to Brown to Dark purple powder to crystal | White to Brown to Dark purple powder to crystal |
| NMR Spectrum 1H                  | Conforms to Structure                           | Conforms to Structure                           |



John Su  
QA & QC Manager