

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-01-20 12:42:56  
 Date of Next Testing: 2027-01-20 12:42:56  
 Product Name: **4 , 5-Dimethyl-2-nitroaniline**  
 CAS Number: 6972-71-0  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: F2125242  
 SKU #: **D137003**  
 Version: **0**  
 Analysis #: **465067**  
 Storage Temperature: Room temperature

| Parameter            | Limit Values                                        | Result                                              |
|----------------------|-----------------------------------------------------|-----------------------------------------------------|
| Purity(GC)           | 97-100 (%)                                          | 97.60000 %                                          |
| Melting point        | 135-141 (°C)                                        | 138.30000 °C                                        |
| Appearance (D137003) | Brown to Very Dark Brown to Very Dark Orange Powder | Brown to Very Dark Brown to Very Dark Orange Powder |
| Proton NMR spectrum  | Conforms to Structure                               | Conforms to Structure                               |



John Su  
QA & QC Manager