

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-01-14 16:49:30  
 Date of Next Testing: 2029-01-13 16:49:30  
 Product Name: **2,4-Dinitrophenylhydrazine**  
 CAS Number: 119-26-6  
 Specifications & Purity: Reagent grade, ≥97%  
 Lot #: A2510294  
 SKU #: **D489117**  
 Version: **4**  
 Analysis #: **454294**  
 Storage Temperature: Protected from light, Room temperature, Argon charged

| Parameter           | Limit Values                                                                                         | Result                                                                                               |
|---------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Purity(HPLC area)   | 97-100 (%)                                                                                           | 99.66800 %                                                                                           |
| Melting point       | 197-203 (°C)                                                                                         | 202.79000 °C                                                                                         |
| Appearance(D489117) | Orange to Very Dark Orange and Red to Very Dark Red and Orange-Red and Red-Orange Powder or Crystals | Orange to Very Dark Orange and Red to Very Dark Red and Orange-Red and Red-Orange Powder or Crystals |
| NMR Spectrum 1H     | Conforms to Structure                                                                                | Conforms to Structure                                                                                |
| Infrared spectrum   | Conforms to Structure                                                                                | Conforms to Structure                                                                                |



John Su  
QA & QC Manager