

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-10 10:02:25  
 Date of Next Testing: 2030-03-09 10:02:25  
 Product Name: **Adipic acid dihydrazide (ADH)**  
 CAS Number: 1071-93-8  
 Specifications & Purity:  $\geq 99\%$ (HPLC)  
 Lot #: C2606222  
 SKU #: **A109760**  
 Version: **0**  
 Analysis #: **661049**  
 Storage Temperature: Store at -20°C, Argon charged

| Parameter                                                      | Limit Values             | Result                   |
|----------------------------------------------------------------|--------------------------|--------------------------|
| Purity(HPLC)                                                   | 99-100 (%)               | 99.79900 %               |
| Purity(Titration by HClO <sub>4</sub> (calcd.on anh.substance) | 98-102 (%)               | 100.52800 %              |
| Loss on drying                                                 | 0-1 (%)                  | 0.28200 %                |
| Melting point                                                  | 179-184 (°C)             | 183.95000 °C             |
| Appearance (A109760)                                           | White Powder or Crystals | White Powder or Crystals |
| Solubility, 100mg/ml in water                                  | Clear and colorless      | Clear and colorless      |
| Infrared spectrum                                              | Conforms to Structure    | Conforms to Structure    |



John Su  
QA & QC Manager