

## Certificate of Analysis

Date of Testing: 2022-07-04 14:40:54  
Date of Next Testing: 2026-07-03 14:40:54  
Product Name: **Adipic acid dihydrazide**  
CAS Number: 1071-93-8  
Specifications & Purity: >99.0%(HPLC)  
Lot #: F2230200  
SKU #: **A109760**  
**Analysis:** **101371**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.15900 %
Purity(Titration by HClO <sub>4</sub> (calcd.on anh.substance)	98-102 (%)	99.98 %
Loss on drying	0-1 (%)	0.54 %
Melting point	179-184 (°C)	183.03000 °C
Appearance (A109760)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,100mg/ml in water	Clear and colorless	Clear and colorless



John Su  
QA & QC Manager