

Certificate of Analysis

Date of Testing: 2024-12-17 11:19:01

Date of Next Testing: 2028-12-16 11:19:01

Product Name: **Adipic acid dihydrazide**

CAS Number: 1071-93-8

Specifications & Purity: $\geq 99\%$ (HPLC)

Lot #: L2416047

SKU #: **A109760**

Version: **0**

Analysis #: **450935**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.95700 %
Purity(Titration by HClO ₄ (calcd.on anh.substance)	98-102 (%)	98.01 %
Loss on drying	0-1 (%)	0.02 %
Melting point	179-184 (°C)	183.84000 °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