

Certificate of Analysis

Date of Testing: 2025-02-18 13:02:22

Date of Next Testing: 2029-02-17 13:02:22

Product Name: **Adipic acid dihydrazide**

CAS Number: 1071-93-8

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

Lot #: B2515156

SKU #: **A109760**

Version: **0**

Analysis #: **444264**

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

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.93600 %
Purity(Titration by HClO ₄ (calcd.on anh.substance)	98-102 (%)	98.02 %
Loss on drying	0-1 (%)	0.00 %
Melting point	179-184 (°C)	183.86000 °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

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager