

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-11 16:13:30  
Date of Next Testing: 2027-09-10 16:13:30  
Product Name: **Carbohydrazide**  
CAS Number: 497-18-7  
Specifications & Purity: 97%  
Lot #: I2307114  
SKU # **C102118**  
Version  
Analysis #: **120628**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point(Decomposition)	153-157 (°C)	156.88 °C
Carbon by Elemental Analysis	13-13.7 (%)	13.29%
Nitrogen by Elemental Analysis	60.6-63.7 (%)	63.23%
Purity(Potassium iodate Method)	97-100 (%)	98.96%
Appearance (C102118)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager