

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-27 16:18:45  
Date of Next Testing: 2029-11-26 16:18:45  
Product Name: **Bis(cyclohexanone)oxalyldihydrazone**  
CAS Number: 370-81-0  
Specifications & Purity:  $\geq 98\%$   
Lot #: K2521181  
SKU #: **B110708**  
Version: **0**  
Analysis #: **466103**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	19.2-20.6 (%)	20.39 %
Purity(HPLC)	98-100 (%)	98.11300 %
Carbon by Elemental Analysis	58.6-60.9 (%)	59.98 %
Loss on drying	0-0.5 (%)	0.00 %
Melting point	208-212 (°C)	210.98000 °C
Ignition Residue	0-0.05 (%)	0.00 %
Appearance (B110708)	Colorless or White or faint yellow Powder	Colorless or White or faint yellow Powder
Solubility in hot MeOH	almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager