

## Certificate of Analysis

Date of Testing: 2023-02-07 16:38:37  
Date of Next Testing: 2027-02-06 16:38:37  
Product Name: **Bis(cyclohexanone)oxalyldihydrazone**  
CAS Number: 370-81-0  
Specifications & Purity: Reagent Grade  
Lot #: B2303067  
SKU #: **B110707**  
**Analysis: 184184**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	210-214 (°C)	211.98000 °C
Purity(HPLC)	95-100 (%)	99.66800 %
Carbon by Elemental Analysis	58.9-61.9 (%)	60.40 %
Nitrogen by Elemental Analysis	19.2-20.6 (%)	20.29 %
Appearance (B110707)	Powder	Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in HOAc , Colorless to Faint Yellow Clear(50 mg/ml)	pass	Pass



John Su  
QA & QC Manager