

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-15 15:09:52  
Date of Next Testing: 2023-05-17 15:09:52  
Product Name: **N,N'-Carbonyldiimidazole**  
CAS Number: 530-62-1  
Specifications & Purity:  $\geq 97.0\%$ (T)  
Lot #: L2121090  
SKU #: **C109314**  
**Analysis:** **155602**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	114-122 (°C)	118.52000 °C
Purity(Nonaqueous Titration)	97-102.5 (%)	97.23 %
Appearance (C109314)	white to off-white powder, crystals and/or chunks	white to off-white powder, crystals and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMF , Colorless to Yellow, Clear to Hazy, 50mg/ml (5%)	pass	Pass



John Su  
QA & QC Manager