

## Certificate of Analysis

Date of Testing: 2022-04-26 15:11:33  
Date of Next Testing: 2022-10-26 15:11:33  
Product Name: **N,N'-Carbonyldiimidazole**  
CAS Number: 530-62-1  
Specifications & Purity:  $\geq 97.0\%$ (T)  
Lot #: L2121257  
SKU #: **C109314**  
**Analysis:** **087891**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.01000 %
Melting point	114-122 (°C)	118.04000 °C
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