

## Certificate of Analysis

Date of Testing: 2024-04-09 09:49:46  
Date of Next Testing: 2028-04-08 09:49:46  
Product Name: **N-Hydroxysuccinimide**  
CAS Number: 6066-82-6  
Specifications & Purity: 98%  
Lot #: C2429449  
SKU #: **H109330**  
**Analysis:** **328280**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.54000 %
Carbon by Elemental Analysis	40.7-42.8 (%)	40.82 %
Purity(Neutralization titration)	98-102 (%)	98.01 %
Nitrogen by Elemental Analysis	11.9-12.5 (%)	12.11 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (H109330)	White Crystalline Powder, Granules and/or Chunks	White Crystalline Powder, Granules and/or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless ,Clear ,50 mg/mL in H <sub>2</sub> O	pass	Pass



John Su  
QA & QC Manager