

## Certificate of Analysis

Date of Testing: 2023-05-26 16:56:55  
Date of Next Testing: 2027-05-25 16:56:55  
Product Name: **N-Hydroxysuccinimide**  
CAS Number: 6066-82-6  
Specifications & Purity: 98%  
Lot #: E2323667  
SKU #: **H109330**  
**Analysis: 214104**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	40.7-42.8 (%)	41.63%
Purity(Neutralization titration)	98-102 (%)	100.83%
Nitrogen by Elemental Analysis	11.9-12.5 (%)	12.35%
Purity(HPLC)	98-100 (%)	99.72600%
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
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager