

Certificate of Analysis

Date of Testing: 2023-07-25 18:49:24
Date of Next Testing: 2027-07-24 18:49:24
Product Name: **N-Hydroxysuccinimide**
CAS Number: 6066-82-6
Specifications & Purity: 98%
Lot #: G2324045
SKU #: **H109330**
Analysis: 241122
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter | Limit Values | Result |
|---|--|--|
| Carbon by Elemental Analysis | 40.7-42.8 (%) | 41.36 % |
| Purity(Neutralization titration) | 98-102 (%) | 99.60 % |
| Nitrogen by Elemental Analysis | 11.9-12.5 (%) | 12.10 % |
| Purity(HPLC) | 98-100 (%) | 99.91700 % |
| 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 ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O | pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager