

## Certificate of Analysis

Date of Testing: 2023-02-13 18:31:39  
Date of Next Testing: 2027-02-12 18:31:39  
Product Name: **N-Hydroxysuccinimide**  
CAS Number: 6066-82-6  
Specifications & Purity: 98%  
Lot #: B2308631  
SKU #: **H109330**  
**Analysis: 178336**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter   | Limit Values                                     | Result   |
|---|--|--|
| Carbon by Elemental Analysis  | 40.7-42.8 (%)                                    | 41.25 %  |
| Purity(Neutralization titration)  | 98-102 (%)                                       | 100.86 %   |
| Nitrogen by Elemental Analysis  | 11.9-12.5 (%)                                    | 12.25 %  |
| Purity(HPLC)  | 98-100 (%)                                       | 99.50400 %                                       |
| 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                            |



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