

## Certificate of Analysis

Date of Testing: 2023-05-12 10:37:27

Date of Next Testing: 2027-05-11 10:37:27

Product Name: **N-Hydroxy-5-norbornene-2.3-dicarboxylic imide**

CAS Number: 21715-90-2

Specifications & Purity: 99%

Lot #: E2306103

SKU #: **H109329**

**Analysis:** **207447**

Storage Temperature: Desiccated

| Parameter                          | Limit Values                      | Result                            |
|------------------------------------|-----------------------------------|-----------------------------------|
| Melting point                      | 164-173 (°C)                      | 165.95000 °C                      |
| Purity(HPLC)                       | 99-100 (%)                        | 99.74300 %                        |
| Appearance (H109329)               | white to beige powder or crystals | white to beige powder or crystals |
| Solubility in EtOH , clear,50mg/ml | pass                              | Pass                              |
| Proton NMR spectrum                | Conforms to structure             | Conforms to Structure             |



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QA & QC Manager