

## Certificate of Analysis

Date of Testing: 2022-12-01 19:20:20  
 Date of Next Testing: 2026-11-30 19:20:20  
 Product Name: **N-Succinimidyl 4-Maleimidobutyrate [Cross-linking Reagent]**  
 CAS Number: 80307-12-6  
 Specifications & Purity:  $\geq 98\%$ (HPLC)  
 Lot #: K22291015  
 SKU #: **N159716**  
 Version: **0**  
 Analysis #: **143000**  
 Storage Temperature: Protected from light, Store at -20°C, Argon charged

| Parameter            | Limit Values                                      | Result                                            |
|----------------------|---------------------------------------------------|---------------------------------------------------|
| Melting point        | 126-131 (°C)                                      | 129.46000 °C                                      |
| Purity(HPLC)         | 98-100 (%)                                        | 98.02000 %                                        |
| Appearance (N159716) | White to Reddish Yellow to Tan to Powder crystals | White to Reddish Yellow to Tan to Powder crystals |
| Proton NMR spectrum  | Conforms to Structure                             | Conforms to Structure                             |



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