

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-17 10:47:23

Date of Next Testing: 2026-08-16 10:47:23

Product Name: **6-Maleimidohexanoic acid N-hydroxysuccinimide este (EMCS)**

CAS Number: 55750-63-5

Specifications & Purity:  $\geq 98\%$

Lot #: H2205312

SKU #: **M122240**

Version: **0**

Analysis #: **098538**

Storage Temperature: Store at -20°C, Argon charged

| Parameter                                                | Limit Values          | Result                |
|----------------------------------------------------------|-----------------------|-----------------------|
| Carbon by Elemental Analysis                             | 53.2-55.9 (%)         | 54.05000 %            |
| Purity(HPLC)                                             | 98-100 (%)            | 99.46000 %            |
| Melting point                                            | 69-74 (°C)            | 72.83000 °C           |
| Nitrogen by Elemental Analysis                           | 8.8-9.4 (%)           | 8.80100 %             |
| Appearance (M122240)                                     | White powder          | White powder          |
| Proton NMR spectrum                                      | Conforms to Structure | Conforms to Structure |
| Solubility in CHCL <sub>3</sub> , Colorless Clear at 10% | pass                  | Pass                  |



John Su  
QA & QC Manager