

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2022-12-14 16:02:23  
Date of Next Testing: 2026-12-13 16:02:23  
Product Name: **Methyl-PEG<sub>4</sub>-NHS Ester**  
CAS Number: 622405-78-1  
Specifications & Purity: ≥98%  
Lot #: J2220066  
SKU #: **M122058**  
Version: **0**  
Analysis #: **113121**  
Storage Temperature: Store at -20°C, Argon charged

| Parameter                      | Limit Values             | Result                   |
|--------------------------------|--------------------------|--------------------------|
| Carbon by Elemental Analysis   | 48.8-50.9 (%)            | 49.68000 %               |
| Nitrogen by Elemental Analysis | 3.8-4.6 (%)              | 4.23000 %                |
| Appearance (M122058)           | colorless viscous liquid | colorless viscous liquid |
| Proton NMR spectrum            | Conforms to Structure    | Conforms to Structure    |



John Su  
QA & QC Manager