

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-07-21 11:07:11  
 Date of Next Testing: 2029-07-20 11:07:11  
 Product Name: **Palmitic acid-<sup>13</sup>C<sub>16</sub>**  
 CAS Number: 56599-85-0  
 Specifications & Purity: ≥98 atom% <sup>13</sup>C, ≥98%  
 Lot #: G2615064  
 SKU #: **P474096**  
 Version: **1**  
 Analysis #: **672863**  
 Storage Temperature: Protected from light, Room temperature, Desiccated

| Parameter                  | Limit Values          | Result                |
|----------------------------|-----------------------|-----------------------|
| Purity(HPLC area)          | 98-100 (%)            | 99.30000 %            |
| <sup>13</sup> C Enrichment | 98-100 (%)            | 98.80000 %            |
| Appearance(P474096)        | White Powder          | White powder          |
| Proton NMR spectrum        | Conforms to Structure | Conforms to Structure |
| Carbon NMR Spectrum        | Conforms to structure | Conforms to Structure |



John Su  
QA & QC Manager