

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-13 13:27:56

Date of Next Testing: 2026-07-12 13:27:56

Product Name: **Palmitic acid-<sup>13</sup>C<sub>16</sub>**

CAS Number: 56599-85-0

Specifications & Purity:  $\geq 98$  atom% <sup>13</sup>C,  $\geq 98\%$

Lot #: G2301144

SKU #: **P474096**

Version: **1**

Analysis #: **238920**

Storage Temperature: Protected from light, Room temperature, Desiccated

| Parameter           | Limit Values          | Result                |
|---------------------|-----------------------|-----------------------|
| 13C Enrichment      | 98-100 (%)            | 98.60000 %            |
| Purity(HPLC area)   | 98-100 (%)            | 99.10000 %            |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Carbon NMR Spectrum | Conforms to structure | Conforms to Structure |
| Appearance(P474096) | White Powder          | White powder          |



John Su  
QA & QC Manager