

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-13 14:15:02

Date of Next Testing: 2027-09-12 14:15:02

Product Name: **Dimethyl (2-Oxoheptyl)phosphonate**

CAS Number: 36969-89-8

Specifications & Purity: >95.0%(GC)

Lot #: L1903141

SKU #: **D155184**

Analysis: **272897**

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Purity(GC)                          | 95-100 (%)                 | 97.18 %                    |
| Refractive index n <sub>20</sub> /D | 1.443-1.447                | 1.44                       |
| Appearance (D155184)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Proton NMR spectrum                 | Conforms to Structure      | Conforms to Structure      |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager