

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-14 15:18:53  
Date of Next Testing: 2026-06-14 15:18:53  
Product Name: **dioleoylglycerol pyrophosphate (ammonium salt)**  
CAS Number: 474943-14-1  
Specifications & Purity: >99%  
Lot #: I2206461  
SKU #: **D130295**  
Version: **0**  
Analysis #: **368636**  
Storage Temperature: Store at -20°C

| Parameter                        | Limit Values          | Result                |
|----------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                     | 99-100 (%)            | 99.10000 %            |
| Carbon by Elemental Analysis     | 56.7-57.7 (%)         | 57.03 %               |
| Phosphorus by Elemental Analysis | 7.3-7.8 (%)           | 7.50 %                |
| Hydrogen by Elemental Analysis   | 9.6-10.1 (%)          | 9.70 %                |
| Nitrogen by Elemental Analysis   | 3.2-3.6 (%)           | 3.20 %                |
| Oxygen by Elemental Analysis     | 21.2-21.8 (%)         | 21.50 %               |
| Proton NMR spectrum              | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager