

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-18 09:42:21  
 Date of Next Testing: 2028-10-17 09:42:21  
 Product Name: **PLGA-PEG-PLGA**  
 CAS Number:  
 Specifications & Purity: PEG average  $M_n$  5000, PLGA average  $M_n$  15000, lactide:glycolide (50:50)  
 Lot #: J2514425  
 SKU #: **C475631**  
 Version: **1**  
 Analysis #: **552358**  
 Storage Temperature: Protected from light, Store at -20°C, Argon charged

| Parameter               | Limit Values                                 | Result                                                   |
|-------------------------|----------------------------------------------|----------------------------------------------------------|
| mPEG                    | 4.5-5.5 (kDa)                                | 5.00000 kDa                                              |
| PDLGA(kDa)              | 14.2-15.8 (kDa)                              | 15.50000 kDa                                             |
| Lactide molar content   | 47-53 (%)                                    | 51.00000 %                                               |
| Glycolide Molar content | 47-53 (%)                                    | 49.00000 %                                               |
| Appearance(C475631)     | White to light yellow irregular piece powder | White to light yellow irregular piece Granular or powder |



John Su  
QA & QC Manager