

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-27 13:45:50  
 Date of Next Testing: 2029-03-26 13:45:50  
 Product Name: **Biotin (5-fluorescein) conjugate**  
 CAS Number: 957494-27-8  
 Specifications & Purity:  $\geq 90\%$   
 Lot #: C2617109  
 SKU #: **B378953**  
 Version: **1**  
 Analysis #: **682019**  
 Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

| Parameter                              | Limit Values                                                    | Result                                                          |
|----------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|
| Purity(HPCE)                           | 90-100 (%)                                                      | 96.49100 %                                                      |
| Emission Maximum(in 0.1 M Tris pH 8.0) | 519-529 (nm)                                                    | 526.98000 nm                                                    |
| Appearance(B378953)                    | Orange to Dark Orange and Red-Orange and Red to Dark Red Powder | Orange to Dark Orange and Red-Orange and Red to Dark Red Powder |
| NMR Spectrum 1H                        | Conforms to Structure                                           | Conforms to Structure                                           |



John Su  
QA & QC Manager