

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-29 17:32:37  
Date of Next Testing: 2026-06-29 17:32:37  
Product Name: **Ampliflu Red**  
CAS Number: 119171-73-2  
Specifications & Purity:  $\geq 98.0\%$  (HPLC),for fluorescenceAnalysis  
Lot #: F2425087  
SKU #: **A131064**  
Version: **0**  
Analysis #: **356471**  
Storage Temperature: Store at 2-8°C,Argon charged

| Parameter                      | Limit Values                                | Result                                      |
|--------------------------------|---|---|
| Carbon by Elemental Analysis   | 63.6-65.9 (%)                               | 64.35 %                                     |
| Nitrogen by Elemental Analysis | 4.8-5.9 (%)                                 | 5.26 %                                      |
| Purity(HPLC)                   | 98-100 (%)                                  | 99.22000 %                                  |
| Hydrogen by Elemental Analysis | 3.7-4.8 (%)                                 | 4.27 %                                      |
| Emission maximum               | 580-590 (nm)                                | 590.00 nm                                   |
| Appearance (A131064)           | White to Brown or Brown-Red Powder or Solid | White to Brown or Brown-Red Powder or Solid |
| Proton NMR spectrum            | Conforms to Structure                       | Conforms to Structure                       |



John Su  
QA & QC Manager