

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-27 13:40:37  
 Date of Next Testing: 2028-03-26 13:40:37  
 Product Name: **1,1'-Diocetyl-3,3',3'-tetramethylindocarbocyanine perchlorate(Dil)**  
 CAS Number: 41085-99-8  
 Specifications & Purity: for fluorescenceAnalysis, ≥98%  
 Lot #: C2620138  
 SKU # **D131225**  
 Version **1**  
 Analysis #: **682022**  
 Storage Temperature: Store at -20°C

| Parameter            | Limit Values                                                                                                                                           | Result                                                                                                                                                 |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity(HPLC)         | 98-100 (%)                                                                                                                                             | 98.89600 %                                                                                                                                             |
| Appearance (D131225) | Green to Very Dark Green and Brown to Very Dark Brown and Purple to Very Dark Purple and Green-Brown and Red to Red-Brown to Very Dark Red-Brown Solid | Green to Very Dark Green and Brown to Very Dark Brown and Purple to Very Dark Purple and Green-Brown and Red to Red-Brown to Very Dark Red-Brown Solid |
| Proton NMR spectrum  | Conforms to Structure                                                                                                                                  | Conforms to Structure                                                                                                                                  |



John Su  
QA & QC Manager