

## Certificate of Analysis

Date of Testing: 2025-04-15 14:29:07

Date of Next Testing: 2027-04-15 14:29:07

Product Name: **1,1'-Diocetyl-3,3',3'-tetramethylindocarbocyanine perchlorate(Dil)**

CAS Number: 41085-99-8

Specifications & Purity: for fluorescenceAnalysis, ≥98%

Lot #: K1928137

SKU # **D131225**

Version **1**

Analysis #: **495542**

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