

## Certificate of Analysis

Date of Testing: 2022-09-05 17:38:58

Date of Next Testing: 2026-09-04 17:38:58

Product Name: **3,3'-Diethyloxadicarbocyanine Iodide**

CAS Number: 14806-50-9

Specifications & Purity: 96%

Lot #: I2201645

SKU # **D155285**

**Analysis: 113291**

| Parameter                      | Limit Values                                                 | Result                                                       |
|--------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|
| Purity(HPLC)                   | 96-100 (%)                                                   | 96.00000 %                                                   |
| Carbon by Elemental Analysis   | 55.6 - 57.6 (%)                                              | 55.61 %                                                      |
| Nitrogen by Elemental Analysis | 5.4-5.9 (%)                                                  | 5.90 %                                                       |
| Appearance(D155285)            | Dark Blue to Purple Crystals or Powder or Crystalline Powder | Dark Blue to Purple Crystals or Powder or Crystalline Powder |
| Proton NMR spectrum            | Conforms to structure                                        | Conforms to Structure                                        |



John Su  
QA & QC Manager