

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-25 11:55:30

Date of Next Testing: 2027-09-25 11:55:30

Product Name: **3,3'-Dipropylthiadicarbocyanine iodide**

CAS Number: 53213-94-8

Specifications & Purity:  $\geq 98\%$

Lot #: K2324177

SKU #: **D131515**

Version **0**

**Analysis #:** **578653**

Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

| Parameter                      | Limit Values          | Result                |
|--------------------------------|-----------------------|-----------------------|
| Carbon by Elemental Analysis   | 53.3-55.4 (%)         | 54.48 %               |
| Nitrogen by Elemental Analysis | 4.5-5.6 (%)           | 5.15 %                |
| Purity(HPLC)                   | 98-100 (%)            | 99.97600 %            |
| Proton NMR spectrum            | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager