

Certificate of Analysis

Date of Testing: 2023-04-11 14:48:59

Date of Next Testing: 2025-04-10 14:48:59

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

CAS Number: 53213-94-8

Specifications & Purity: $\geq 98\%$

Lot #: F2118062

SKU #: **D131515**

Analysis: **209143**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	53.3-55.4 (%)	54.30 %
Nitrogen by Elemental Analysis	4.5-5.6 (%)	4.90 %
Purity(HPLC)	98-100 (%)	99.30000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager