

Certificate of Analysis

Date of Testing: 2023-10-30 17:03:29

Date of Next Testing: 2025-10-29 17:03:29

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

CAS Number: 41085-99-8

Specifications & Purity: $\geq 98.0\%$, for fluorescence Analysis

Lot #: J2327284

SKU #: **D131225**

Analysis: **096658**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.00000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (D131225)	Green to Very Dark Green and Brown to Very Dark Brown and Purple to Very Dark Purple and Green-Brown and Brown-Green and Red-Brown and 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 Brown-Green and Red-Brown and Very Dark Red-Brown Solid



John Su
QA & QC Manager