

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-15 09:23:24
Date of Next Testing: 2026-06-15 09:23:24
Product Name: **3,3'-Diocetadecyloxacarbocyanine perchlorate**
CAS Number: 34215-57-1
Specifications & Purity: $\geq 98\%$
Lot #: H2229229
SKU #: **D131213**
Version: **0**
Analysis #: **369016**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(TLC)	98-100 (%)	98.02 %
Carbon by Elemental Analysis	70.4-74 (%)	70.50 %
Nitrogen by Elemental Analysis	2.5-3.7 (%)	2.50 %
Appearance (D131213)	orange powder	orange powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , Orange, clear, 50 mg/ml	pass	Pass



John Su
QA & QC Manager