

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-28 15:27:21
Date of Next Testing: 2025-08-27 15:27:21
Product Name: **3,3'-Diocetadecyloxacarbocyanine perchlorate**
CAS Number: 34215-57-1
Specifications & Purity: $\geq 98\%$
Lot #: H2325066
SKU #: **D131213**
Analysis: 112211
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	70.4-74 (%)	70.52 %
Nitrogen by Elemental Analysis	2.5-3.7 (%)	2.58 %
Purity(TLC)	98-100 (%)	98.03 %
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