

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-29 10:50:12

Date of Next Testing: 2025-08-28 10:50:12

Product Name: **1,1'-Diethyl-4,4'-cyanine iodide**

CAS Number: 4727-49-5

Specifications & Purity: $\geq 98\%$

Lot #: H2223312

SKU #: **D346785**

Version: **1**

Analysis #: **119523**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	58.7 - 62.9 (%)	60.10000 %
Nitrogen by Elemental Analysis	5.9 - 6.4 (%)	5.90000 %
Appearance(D346785)	Green to Very Dark Green Powder or Crystals	Green to very dark green powder or crystals
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager