

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-26 00:17:46

Date of Next Testing: 2027-01-25 00:17:46

Product Name: **1,1'-Diethyl-2,2'-cyanine Iodide**

CAS Number: 977-96-8

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: C1927054

SKU #: **D154825**

Version **0**

Analysis #: **180318**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(total nitrogen)	97-100 (%)	99.79680 %
Purity(HPLC)	98-100 (%)	99.66340 %
Appearance (D154825)	Orange to Brown to Dark red powder to crystal	Orange to Brown to Dark red powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager