

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-15 18:09:50

Date of Next Testing: 2028-06-14 18:09:50

Product Name: **DiOC₂(3)**

CAS Number: 905-96-4

Specifications & Purity: ≥98%

Lot #: F2611167

SKU #: **D131350**

Version **0**

Analysis #: **728274**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.16000 %
Nitrogen by Elemental Analysis	5.5-6.6 (%)	5.99000 %
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	100.60000 %
Carbon by Elemental Analysis	53.1-55.2 (%)	54.22000 %
Appearance (D131350)	Orange to Very Dark Red powder or crystals	Orange to Very Dark Red powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Dark Yellow to Orange Clear, c = 1mg/ml	pass	Pass



John Su
QA & QC Manager