

Certificate of Analysis

Date of Testing: 2024-07-17 11:43:57

Date of Next Testing: 2026-07-17 11:43:57

Product Name: **DiOC₂(3)**

CAS Number: 905-96-4

Specifications & Purity: 98%

Lot #: J2213775

SKU #: **D131350**

Version: **0**

Analysis #: **389175**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.16600 %
Nitrogen by Elemental Analysis	5.5-6.6 (%)	5.99 %
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	100.65 %
Carbon by Elemental Analysis	53.1-55.2 (%)	54.22 %
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	pass	Pass
Clear,c = 1mg/ml		



John Su
QA & QC Manager