

Certificate of Analysis

Date of Testing: 2022-07-14 15:15:16

Date of Next Testing: 2024-07-13 15:15:16

Product Name: **DiOC₂(3)**

CAS Number: 905-96-4

Specifications & Purity: 98%

Lot #: G2208146

SKU #: **D131350**

Analysis: **112504**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.90000 %
Nitrogen by Elemental Analysis	5.5-6.6 (%)	6.07 %
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	99.91 %
Carbon by Elemental Analysis	53.1-55.2 (%)	54.50 %
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