

Certificate of Analysis

Date of Testing: 2025-07-05 15:35:54

Date of Next Testing: 2028-07-04 15:35:54

Product Name: **Dichlorotris(1,10-phenanthroline)ruthenium(II) hydrate**

CAS Number: 207802-45-7

Specifications & Purity: $\geq 98\%$

Lot #: F2530358

SKU #: **D168488**

Version: **2**

Analysis #: **516288**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	59.1-62.2 (%)	59.50 %
Nitrogen by Elemental Analysis (anhydrous)	11.5-12.1 (%)	11.54 %
Appearance (D168488)	Orange to Dark Orange and Red to Dark Red Solid	Orange to Dark Orange and Red to Dark Red Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager