

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-10 14:41:04
 Date of Next Testing: 2025-03-09 14:41:04
 Product Name: **Dichlorotris(1,10-phenanthroline)ruthenium(II) hydrate**
 CAS Number: 207802-45-7
 Specifications & Purity: $\geq 98\%$
 Lot #: C2204686
 SKU #: **D168488**
 Version: **2**
 Analysis #: **074908**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	11.5-12.1 (%)	12.05000 %
Carbon by Elemental Analysis	59.1-62.2 (%)	61.40000 %
Water by Karl Fischer	0-12 (%)	2.90000 %
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