

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-31 17:07:41

Date of Next Testing: 2027-08-30 17:07:41

Product Name: **Ruthenium(III) chloride anhydrous**

CAS Number: 10049-08-8

Specifications & Purity: Ru content 45-55%

Lot #: H2323524

SKU #: **R119430**

Version: **0**

Analysis #: **246517**

Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Insoluble matter	0-20 (%)	10.30000 %
Ru (After Reduction with Mg)	45-55 (%)	48.51000 %
Appearance (R119430)	Black Crystals, Powder or Granular and/or Chunks	Black Crystals, Powder or Granular and/or Chunks
ICP: Confirms Ru Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager