

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-17 13:32:22

Date of Next Testing: 2027-11-16 13:32:22

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

CAS Number: 10049-08-8

Specifications & Purity: Ru content 45-55%

Lot #: K2310337

SKU #: **R119430**

Version: **0**

Analysis #: **291169**

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

Parameter	Limit Values	Result
Ru (After Reduction with Mg)	45-55 (%)	45.00000 %
Insoluble matter	0-20 (%)	12.03000 %
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