

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-17 13:33:31
 Date of Next Testing: 2027-11-16 13:33:31
 Product Name: **Ruthenium(III) chloride anhydrous**
 CAS Number: 10049-08-8
 Specifications & Purity: Ru content 45-55%
 Lot #: K2310338
 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