

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-30 16:12:35
 Date of Next Testing: 2026-05-29 16:12:35
 Product Name: **Ruthenium(III) chloride hydrate**
 CAS Number: 14898-67-0
 Specifications & Purity: high-purity, Reagent grade
 Lot #: E2325825
 SKU #: **R432143**
 Version: **1**
 Analysis #: **220589**
 Storage Temperature: Room temperature, Argon charged, Cool

Parameter	Limit Values	Result
Insoluble matter(1%, 25% HCL)	0-0.1 (%)	0.00000 %
Ru(Gravimetric Analysis After Reduction with Magnesium)	40-49 (%)	48.95000 %
Appearance(R432143)	Black or Grey Powder or Crystal or Chunk(s)	Black or Grey Powder or Crystal or Chunk(s)
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager