

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2025-05-16 16:19:01  
Date of Next Testing: 2029-05-15 16:19:01  
Product Name: **Ruthenium acetylacetonate**  
CAS Number: 14284-93-6  
Specifications & Purity:  $\geq 99.8\%$  metals basis  
Lot #: E2508355  
SKU #: **R639975**  
Version: **1**  
Analysis #: **473295**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.89%
Ruthenium (Ru)	24.4-26.2 (%)	26.15%
Appearance(R639975)	Red to Maroon to Purple powder	Red to Maroon to Purple powder
ICP: Confirms Ru Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager