

## Certificate of Analysis

Date of Testing: 2025-09-06 15:29:27  
Date of Next Testing: 2028-09-05 15:29:27  
Product Name: **Ruthenium on alumina**  
CAS Number: 7440-18-8  
Specifications & Purity: 5 wt. % loading  
Lot #: H2529706  
SKU #: **R475562**  
Version: **1**  
Analysis #: **531404**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Assay(Ru)	4.5-5.5 (%)	4.98 %
Appearance(R475562)	Black Powder	black powder
ICP: Confirms Ruthenium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager