

## Certificate of Analysis

Date of Testing: 2024-01-15 11:46:33  
Date of Next Testing: 2028-01-14 11:46:33  
Product Name: **Ruthenium acetylacetonate**  
CAS Number: 14284-93-6  
Specifications & Purity: 97%  
Lot #: A2408034  
SKU #: **R118502**  
Analysis: **097197**

Parameter	Limit Values	Result
Ruthenium (Ru)	24.5-26.2 (%)	25.00 %
Carbon by Elemental Analysis	43-47 (%)	43.52 %
ICP: Confirms Ru Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (R118502)	Red to Maroon to Purple Powder	Red to Maroon to Purple Powder



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QA & QC Manager