

## Certificate of Analysis

Date of Testing: 2024-05-11 14:07:05  
Date of Next Testing: 2028-05-10 14:07:05  
Product Name: **Ruthenium acetylacetonate**  
CAS Number: 14284-93-6  
Specifications & Purity: 97%  
Lot #: D2419432  
SKU #: **R118502**  
Analysis: **344057**

Parameter	Limit Values	Result
Ruthenium (Ru)	24.5-26.2 (%)	25.00 %
Carbon by Elemental Analysis	43-47 (%)	44.20 %
ICP: Confirms Ru Component	Confirmed	Confirmed
Appearance (R118502)	Red to Maroon to Purple Powder	Red to Maroon to Purple Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager