

Certificate of Analysis

Date of Testing: 2023-12-13 14:26:31

Date of Next Testing: 2027-12-12 14:26:31

Product Name: **Triruthenium dodecacarbonyl**

CAS Number: 15243-33-1

Specifications & Purity: $\geq 99\%$

Lot #: L2306127

SKU #: **T113584**

Version: **0**

Analysis #: **298268**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	22-23 (%)	22.56 %
Appearance (T113584)	Orange solid	Orange solid
ICP: Confirms Ruthenium Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager