

Certificate of Analysis

Date of Testing: 2023-05-11 17:11:33

Date of Next Testing: 2027-05-10 17:11:33

Product Name: **Triruthenium dodecacarbonyl**

CAS Number: 15243-33-1

Specifications & Purity: $\geq 99.95\%$ metals basis

Lot #: E2305547

SKU #: **T294758**

Version: **1**

Analysis #: **191643**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.95-100 (%)	99.98 %
Trace Metal Analysis	0-0.05 (%)	0.02 %
Appearance(T294758)	Orange to Brown powder to crystal	Orange to Brown powder to crystal
ICP: Confirms Ruthenium Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager