

Certificate of Analysis

Date of Testing: 2022-02-19 12:18:15

Date of Next Testing: 2026-02-18 12:18:15

Product Name: **Triruthenium dodecacarbonyl**

CAS Number: 15243-33-1

Specifications & Purity: 99%

Lot #: B2216076

SKU #: **T113584**

Analysis: 057378

Parameter	Limit Values	Result
Carbon by Elemental Analysis	22-23 (%)	22.71%
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