

Certificate of Analysis

Date of Testing: 2024-01-24 13:13:14
Date of Next Testing: 2027-01-23 13:13:14
Product Name: **Ruthenium on alumina**
CAS Number: 7440-18-8
Specifications & Purity: 5 wt. % loading
Lot #: A2422301
SKU #: **R475562**
Analysis: **314528**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|-----------------------------------|-----------------------|-----------------------|
| Assay(Ru) | 4.5-5.5 (%) | 4.98 % |
| Appearance(R475562) | Black Powder | black powder |
| ICP: Confirms Ruthenium Component | Confirmed | Confirmed |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager