



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-10 18:30:03
Date of Next Testing: 2029-12-09 18:30:03
Product Name: **Ruthenium on carbon**
CAS Number: 7440-18-8
Specifications & Purity: Ru 5%,contains 50% H2O
Lot #: L2508606
SKU #: **R111025**
Version: **0**
Analysis #: **613851**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Content(Ruthenium)(on dry base)	4.9-5.1 (%)	4.95 %
Appearance (R111025)	black powder	black powder
ICP: Confirms Ruthenium Component	Confirmed	Confirmed
Matrix,Carbon support	Conforms	Conforms

John Su
QA & QC Manager