

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-09 13:16:14

Date of Next Testing: 2026-08-08 13:16:14

Product Name: **Ruthenium on carbon**

CAS Number: 7440-18-8

Specifications & Purity: Ru 5%,contains 50% H2O

Lot #: H2204075

SKU #: **R111025**

Version: **0**

Analysis #: **099592**

Storage Temperature: Room temperature,Argon charged

Parameter	Limit Values	Result
Content(Ruthenium)(on dry base)	4.9-5.1 (%)	4.98000 %
Appearance (R111025)	black powder	black powder
ICP: Confirms Ruthenium Component	Confirmed	Confirmed
Matrix,Carbon support	Conforms	Conforms



John Su
QA & QC Manager