



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-28 15:56:21

Date of Next Testing: 2027-03-28 15:56:21

Product Name: **Ruthenium on carbon**

CAS Number: 7440-18-8

Specifications & Purity: extent of labeling: 5wt. % loading

Lot #: C2421687

SKU # **R475386**

Version **1**

Analysis #: **331497**

Storage Temperature: Room temperature,Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	0.00000 %
Content(Ruthenium)(on dry base)	4.9-5.1 (%)	4.98000 %
ICP: Confirms Ruthenium Component	Confirmed	Confirmed
Matrix,Carbon support	Conforms	Conforms

John Su
QA & QC Manager