

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-28 16:07:35
Date of Next Testing: 2027-03-28 16:07:35
Product Name: **Ruthenium on carbon**
CAS Number: 7440-18-8
Specifications & Purity: extent of labeling: 5wt. % loading
Lot #: C2421688
SKU #: **R475386**
Version: **1**
Analysis #: **331497**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	0.00 %
Content(Ruthenium)(on dry base)	4.9-5.1 (%)	4.98 %
ICP: Confirms Ruthenium Component	Confirmed	Confirmed
Matrix,Carbon support	Conforms	Conforms



John Su
QA & QC Manager