



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-03 19:19:35

Date of Next Testing: 2028-09-02 19:19:35

Product Name: **Ruthenium**

CAS Number: 7440-18-8

Specifications & Purity: $\geq 99.9\%$ metals basis

Lot #: H2429115

SKU #: **R105896**

Version: **0**

Analysis #: **136165**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Total Metallic Impuritie	0-2000 (ppm)	123.00000 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.99010 %
Appearance (R105896)	Grey to Dark Grey Powder	Grey to Dark Grey Powder
ICP Assay	Confirmed to structure	Confirmed to structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager