

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-17 16:14:22

Date of Next Testing: 2027-05-16 16:14:22

Product Name: **Ruthenium oxide hydrate**

CAS Number: 32740-79-7

Specifications & Purity: Ru $\geq$ 44%

Lot #: E2315680

SKU #: **R113205**

Version: **0**

Analysis #: **160038**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Ruthenium Assay	44-76.5 (%)	51.08000 %
Iron(Fe)	0-0.005 (%)	0.00260 %
Refractive Index Measurement Range	0-0.005 (%)	0.00380 %
Appearance (R113205)	black powder	black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager