

## Certificate of Analysis

Date of Testing: 2025-07-04 14:38:20

Date of Next Testing: 2028-07-03 14:38:20

Product Name: **Ruthenium(IV) oxide hydrate**

CAS Number: 32740-79-7

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

Lot #: G2503515

SKU #: **R475114**

Version: **1**

Analysis #: **537175**

| Parameter                              | Limit Values          | Result                |
|----------------------------------------|-----------------------|-----------------------|
| Purity(Based On Trace Metals Analysis) | 99.9-100 (%)          | 99.99 %               |
| Trace Metal Analysis                   | 0-1500 (ppm)          | 130.00 ppm            |
| Ruthenium Assay                        | 44-76.5 (%)           | 75.20 %               |
| Appearance(R475114)                    | Black Powder          | black powder          |
| X-Ray Diffraction                      | Conforms to Structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager