

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-26 17:44:34

Date of Next Testing: 2028-12-25 17:44:34

Product Name: **Ruthenium acetylacetonate**

CAS Number: 14284-93-6

Specifications & Purity:  $\geq 97\%$

Lot #: L2424620

SKU #: **R118502**

Version: **0**

Analysis #: **448922**

Storage Temperature: Room temperature

| Parameter                    | Limit Values                   | Result                         |
|------------------------------|--------------------------------|--------------------------------|
| Carbon by Elemental Analysis | 43-47 (%)                      | 45.07900 %                     |
| Ruthenium (Ru)               | 24.5-26.2 (%)                  | 26.18000 %                     |
| Appearance (R118502)         | Red to Maroon to Purple Powder | Red to Maroon to Purple Powder |
| ICP: Confirms Ru Component   | Confirmed                      | Confirmed                      |
| Infrared spectrum            | Conforms to Structure          | Conforms to Structure          |



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