

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-29 13:42:30

Date of Next Testing: 2028-07-28 13:42:30

Product Name: **Ruthenium(III) chloride trihydrate**

CAS Number: 13815-94-6

Specifications & Purity:  $\geq 98.0\%$

Lot #: G2528436

SKU #: **R167141**

Version: **2**

Analysis #: **545956**

Storage Temperature: Room temperature, Argon charged

| Parameter                                              | Limit Values          | Result                |
|--------------------------------------------------------|-----------------------|-----------------------|
| Purity(Argentmetric Titration)(calcd.on anh.substance) | 98-102.5 (%)          | 99.10000 %            |
| Water by Karl Fischer                                  | 17-23 (%)             | 17.50000 %            |
| X-Ray Diffraction                                      | Conforms to Structure | Conforms to Structure |
| ICP: Confirms Ruthenium Component                      | Confirmed             | Confirmed             |



John Su  
QA & QC Manager