

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-23 16:48:58

Date of Next Testing: 2029-04-22 16:48:58

Product Name: **Ruthenium nitrosyl nitrate solution**

CAS Number: 34513-98-9

Specifications & Purity: Ru 1.5% w/v

Lot #: D2515483

SKU #: **R124005**

Version: **0**

Analysis #: **489552**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
HNO ₃ (Titration by NaOH)	5-11 (wt%)	8.26 wt%
Ruthenium (Ru)	1-2 (%)	1.13 %
Appearance (R124005)	Red to Brown to Red-Brown or Red-Orange Liquid	Red to Brown to Red-Brown or Red-Orange Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager