

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-11 15:26:23  
Date of Next Testing: 2027-08-10 15:26:23  
Product Name: **Ruthenium acetylacetonate**  
CAS Number: 14284-93-6  
Specifications & Purity: 99.95% metals basis  
Lot #: G2327032  
SKU #: **R294372**  
**Analysis:** **122408**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.95-100 (%)	99.96 %
Ruthenium (Ru)	24.5 - 26.2 (%)	24.53 %
Appearance (R294372)	Red to Maroon to Purple powder	Red to Maroon to Purple powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager