



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-24 10:17:06  
Date of Next Testing: 2026-08-23 10:17:06  
Product Name: **Platinum Ruthenium Black**  
CAS Number:  
Specifications & Purity: Pt 50%, Ru 50% (Atomic wt%)  
Lot #: H2218082  
SKU #: **P121341**  
Version: **0**  
Analysis #: **128201**  
Storage Temperature: Room temperature

| Parameter      | Limit Values | Result     |
|----------------|--------------|------------|
| Platinum(Pt)   | 48-52 (%)    | 49.30000 % |
| Ruthenium (Ru) | 48-52 (%)    | 48.50000 % |

John Su  
QA & QC Manager