

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-28 11:50:15  
Date of Next Testing: 2028-09-27 11:50:15  
Product Name: **Iridium(IV) chloride hydrate**  
CAS Number: 10025-97-5  
Specifications & Purity:  $\geq 99.9\%$  metals basis , Ir 56.0% min  
Lot #: I2424503  
SKU #: **I119463**  
Version: **0**  
Analysis #: **407075**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter   | Limit Values             | Result                   |
|---|--------------------------|--------------------------|
| Total Metallic Impurity                                 | 0-1000 (ppm)             | 907.00 ppm               |
| Purity(Based On Trace Metals Analysis)                  | 99.9-100 (%)             | 99.91%                   |
| Ir(Gravimetric Analysis,After Reduction With Magnesium) | 56-58 (%)                | 58.00%                   |
| Appearance (I119463)                                    | Black Crystals or powder | Black Crystals or powder |
| ICP:Confirms Iridium Component                          | Confirmed                | Confirmed                |



John Su  
QA & QC Manager