

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-03 18:49:53  
 Date of Next Testing: 2029-06-02 18:49:53  
 Product Name: **Iridium oxide**  
 CAS Number: 12030-49-8  
 Specifications & Purity:  $\geq 99.9\%$  metals basis, Ir  $\geq 84.5\%$   
 Lot #: E2530404  
 SKU #: **I102673**  
 Version: **0**  
 Analysis #: **517076**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                              | Limit Values                        | Result                              |
|----------------------------------------|-------------------------------------|-------------------------------------|
| Iridium(Ir)                            | 84.5-85.5 (%)                       | 85.01000 %                          |
| Purity(Based On Trace Metals Analysis) | 99.9-100 (%)                        | 99.91200 %                          |
| Total Metallic Impuritie               | 0-2000 (ppm)                        | 880.00000 ppm                       |
| Appearance (I102673)                   | Gray-black to Brown to black Powder | Gray-black to Brown to black Powder |
| ICP Major Analysis                     | Confirmed to structure              | Confirmed to structure              |
| X-Ray Diffraction                      | Conforms to Structure               | Conforms to Structure               |



John Su  
QA & QC Manager