

## Certificate of Analysis

Date of Testing: 2024-01-30 12:37:27  
Date of Next Testing: 2028-01-29 12:37:27  
Product Name: **Iridium chloride hydrate**  
CAS Number: 14996-61-3  
Specifications & Purity: 99.9% metals basis  
Lot #: A2425320  
SKU #: **I140545**  
**Analysis: 313404**

| Parameter   | Limit Values                           | Result                                 |
|---|--|--|
| Purity(Based On Trace Metals Analysis)                  | 99.9-100 (%)                           | 99.95 %                                |
| Water by Karl Fischer                                   | 0-15 (%)                               | 5.42 %                                 |
| Trace Metal Analysis                                    | 0-2000 (ppm)                           | 522.00 ppm                             |
| Ir(Gravimetric Analysis,After Reduction With Magnesium) | 49-57 (%)                              | 56.95 %                                |
| Appearance (I140545)                                    | Dark Green to Black powder or crystals | Dark Green to Black powder or crystals |
| ICP:Confirms Iridium Component                          | Confirmed                              | Confirmed                              |
| X-Ray Diffraction                                       | Conforms to Structure                  | Conforms to Structure                  |



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