

## Certificate of Analysis

Date of Testing: 2024-10-24 16:00:32  
Date of Next Testing: 2028-10-23 16:00:32  
Product Name: **Iridium chloride hydrate**  
CAS Number: 14996-61-3  
Specifications & Purity:  $\geq 99.9\%$  metals basis  
Lot #: J2411923  
SKU #: **I140545**  
Version: **0**  
Analysis #: **426250**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.93 %
Ir(Gravimetric Analysis,After Reduction With Magnesium)	49-57 (%)	52.87 %
Water by Karl Fischer	0-15 (%)	9.57 %
Trace Metal Analysis	0-2000 (ppm)	721.00 ppm
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



John Su  
QA & QC Manager