

Certificate of Analysis

Date of Testing: 2022-06-30 15:38:57
Date of Next Testing: 2026-06-29 15:38:57
Product Name: **Iridium chloride hydrate**
CAS Number: 14996-61-3
Specifications & Purity: 99.9% metals basis
Lot #: F2224126
SKU #: **I140545**
Analysis: **093451**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.97 %
Water by Karl Fischer	0-15 (%)	11.83 %
Trace Metal Analysis	0-2000 (ppm)	342.00 ppm
Ir(Gravimetric Analysis,After Reduction With Magnesium)	49-57 (%)	51.46 %
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