

Certificate of Analysis

Date of Testing: 2025-03-24 13:16:59

Date of Next Testing: 2029-03-23 13:16:59

Product Name: **Iridium chloride hydrate**

CAS Number: 14996-61-3

Specifications & Purity: $\geq 99.9\%$ metals basis

Lot #: C2513430

SKU # **I140545**

Version **0**

Analysis #: **487512**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.90 %
Ir(Gravimetric Analysis,After Reduction With Magnesium)	49-57 (%)	53.08 %
Water by Karl Fischer	0-15 (%)	7.63 %
Trace Metal Analysis	0-2000 (ppm)	1000.00 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