

Certificate of Analysis

Date of Testing: 2022-12-01 18:13:55
Date of Next Testing: 2026-11-30 18:13:55
Product Name: **Iridium chloride hydrate**
CAS Number: 14996-61-3
Specifications & Purity: 99.9% metals basis
Lot #: K2221134
SKU #: **I140545**
Analysis: **046992**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.96 %
Ir(Gravimetric Analysis,After Reduction With Magnesium)	49-57 (%)	56.59 %
Water by Karl Fischer	0-15 (%)	7.36 %
Trace Metal Analysis	0-2000 (ppm)	385.00 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