

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-30 12:38:30  
Date of Next Testing: 2028-01-29 12:38:30  
Product Name: **Iridium chloride hydrate**  
CAS Number: 14996-61-3  
Specifications & Purity: 99.9% metals basis  
Lot #: A2425322  
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



John Su  
QA & QC Manager