

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 35588   |
| <b>Lot Number</b>        | 003127-22855  |
| <b>Product</b>           | <b>Iridium(III) chloride hydrate</b><br>Iridium trichloride hydrate |
| <b>CAS Number</b>        | 14996-61-3  |
| <b>Molecular Formula</b> | IrCl <sub>3</sub> •xH <sub>2</sub> O                                |
| <b>Molecular Weight</b>  | 298.58 (anhydrous basis)  |

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|---------------------------|--|
| <b>Appearance</b>         | Black crystalline powder   |
| <b>Related Substances</b> | Pt : < 10 ppm, Pd : < 10 ppm, Rh : < 5 ppm, Au : 8 ppm, Pb : < 2 ppm, Mn : < 1 ppm, Mg : < 1 ppm, Sn : 1 - 2 ppm, Fe : 7 ppm, Cu : 4 ppm, Ni : 11 ppm, Ca : 2 ppm, Ru : 14 ppm<br>Total trace impurities : < 100 ppm |
| <b>Assay</b>              | 54.29% (Iridium content)   |
| <b>Purity</b>             | 99.99% (Trace metal basis)   |
| <b>Grade</b>              | Reagent grade  |
| <b>Storage</b>            | Store at RT  |
| <b>Country of Origin</b>  | USA  |
| <b>Remarks</b>            | See material safety data sheet for additional information<br>For laboratory use only   |

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager