



Product Specification

Chemical Name: Dihydrogen hexachloroiridate(IV) hydrate [“Chloroiridic acid”]
CMI Product Code: 3001
CAS Number: 16941-92-7
Formula: $\text{H}_2\text{IrCl}_6 \cdot x\text{H}_2\text{O}$
Formula Weight: 406.95 g/mol (anhydrous)
Theoretical % Ir: 47.23% (anhydrous)

| PARAMETER | SPECIFICATION |
|------------------------|--|
| Ir Assay | $40.0 \pm 2.5\%$ |
| Purity | $\geq 99.9\%$ (trace metals basis) |
| Trace Metal Impurities | Available upon request |
| Appearance | Black solid |
| Storage | Hygroscopic. Store under inert gas in a tightly closed container. Recommended storage temperature 2-8 °C |

Reviewing Chemist: Tyler Bazzoli, Lead Chemist: TB

Specification Approval: Dr. Ernest Addo, Ph.D., Director of Quality & Analytical Testing: EA

Specification Revision Date: March 1st, 2016

Revision Level: 0

Colonial Metals warrants, that at the time of product release this product conformed to the information contained on this specification sheet. Purchaser must determine the suitability of the product for its particular use.