



Product Specification

Chemical Name: Dihydrogen hexachloroiridate(IV) hydrate [“Chloroiridic acid”]
CMI Product Code: 3001
CAS Number: 16941-92-7
Formula: $H_2IrCl_6 \cdot xH_2O$
Formula Weight: 406.95 g/mol (anhydrous)
Theoretical % Ir: 47.23% (anhydrous)

PARAMETER	SPECIFICATION
Ir Assay	35.0 – 45.0%
Purity	≥ 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: Bryan Frauhiger, Lead Chemist: BEF

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

Specification Revision Date: February 19th, 2021

Revision Level: 5

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.