



Product Specifications: Dihydrogen hexachloroiridate(IV) hydrate #3001

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: 406.96 g/mol (anhydrous) $H_2IrCl_6 \cdot xH_2O$
Theoretical % Ir: 47.2 (anhydrous)

PARAMETER	SPECIFICATION
Metal Purity	> 99.8%
Appearance	dark green to black crystalline solid
Ir assay	$40.0 \pm 2.0\%$
Solubility test	1 g product/10 ml butanol
Storage:	Store cold under an inert atmosphere in a tightly closed container.

Reviewing Chemist: Peter B. Kettler, Ph.D. Technical Director
Specification Date: 1 February 2013

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.