



**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.