



**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)

| <b>PARAMETER</b> | <b>SPECIFICATION</b>  |
|------------------|---|
| 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.