



## Product Specification

**Chemical Name:** Potassium hexachloroiridate(III) hydrate  
**CMI Product Code:** 3010  
**CAS Number:** 14024-41-0  
**Formula:**  $K_3IrCl_6 \cdot xH_2O$   
**Formula Weight:** 522.23 g/mol (anhydrous)  
**Theoretical % Ir:** 36.8% (anhydrous)

<b>PARAMETER</b>	<b>SPECIFICATION</b>
<b>Ir Assay</b>	$33.4 \pm 3.0\%$
<b>Metal Purity</b>	$\geq 99.9\%$ (trace metals basis)
<b>Trace Metal Impurities</b>	Available upon request
<b>Appearance</b>	Green to brown powder or crystals
<b>Storage</b>	Store in a tightly closed container in a cool, dry place

**Reviewing Chemist:** Tyler Bazzoli, Lead Chemist: TB

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

**Specification Revision Date:** March 1<sup>st</sup>, 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.