



**Product Specifications: Potassium hexachloroiridate(IV) #3009**

Chemical Name:  
Potassium Hexachloroiridate(IV)

CMI Product Code:	3009	
CAS Number:	16920-56-2	
Formula:	$K_2IrCl_6$	$K_2IrCl_6$
Formula Weight:	483.14 g/mol	
Theoretical % Ir:	39.8	

PARAMETER	SPECIFICATION
Chemical Purity	> 98% (> 99.9% Ir)
Appearance	brown to black powder to crystalline solid
Ir assay	$39.8 \pm 1.0\%$
Trace Metal Impurities	< 1000 ppm all metals < 50 ppm Cu < 250 ppm Au < 50 ppm Fe < 125 ppm Pb < 200 ppm Pd < 250 ppm Rh
X-Ray Diffraction	Conforms to that of authentic sample
Storage:	Store in a tightly closed container in a cool, dry place.

Reviewing Chemist: Peter B. Kettler, Ph.D. Technical Director

Specification Date: 20 December 2011

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.