



Product Specification

Chemical Name: Iridium(IV) oxide hydrate
CMI Product Code: 3004
CAS Number: 30980-84-8
Formula: $\text{IrO}_2 \cdot x\text{H}_2\text{O}$
Formula Weight: 224.24 g/mol (anhydrous)
Theoretical % Ir: 85.7% (anhydrous)

PARAMETER	SPECIFICATION
Ir Assay	$73.9 \pm 2.0\%$
Metal Purity	$\geq 99.9\%$ (trace metals basis)
Trace Metal Impurities	Available upon request
Appearance	Black to violet powder
Storage	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 1st, 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.