



## Product Specification

**Chemical Name:** Iridium black  
**CMI Product Code:** 3034  
**CAS Number:** 7439-88-5  
**Formula:** Ir  
**Formula Weight:** 192.2 g/mol  
**Theoretical % Ir:** 98.0% minimum

### PARAMETER

### SPECIFICATION

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<b>Ir Assay</b>	98.0% minimum
<b>Metal Purity</b>	≥ 99.9% (trace metals basis)
<b>Surface Area</b>	≥ 20 m <sup>2</sup> /gram
<b>Appearance</b>	Black powder
<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.