



**Product Specifications: Ruthenium(IV) oxide anhydrous**

Chemical Name:  
Ruthenium(IV) oxide anhydrous

CMI Product Code: 8004 RuO<sub>2</sub>  
CAS Number: 12036-10-1  
Formula: RuO<sub>2</sub>  
Formula Weight: 133.07 g/mol  
Theoretical % Ru: 76.0

<b>PARAMETER</b>	<b>SPECIFICATION</b>
Chemical Purity	> 97% (> 99.9% Ru)
Appearance	black powder
Ru assay	75.0 ± 1.0%
Trace metal impurities	< 1000 ppm all metal impurities
Storage:	Store in a tightly closed container in a cool dry place.

Reviewing Chemist: Peter B. Kettler, Ph.D. Technical Director  
Specification Date: 29 January 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.