



## Product Specification

**Chemical Name:** Osmium(III) chloride hydrate  
**CMI Product Code:** 4003  
**CAS Number:** 14996-60-2  
**Formula:**  $\text{OsCl}_3 \cdot x\text{H}_2\text{O}$   
**Formula Weight:** 296.59 g/mol  
**Theoretical % Os:** 64.14%

<b>PARAMETER</b>	<b>SPECIFICATION</b>
<b>Os Assay</b>	55.0% $\pm$ 3.0%
<b>Purity</b>	$\geq$ 99% (trace metals analysis)
<b>Appearance</b>	Black powder or crystals
<b>Storage</b>	Moisture sensitive. Store in a tightly closed glass 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.