



## Product Specification

**Chemical Name:** Chlorobis(cyclooctene)rhodium(I) dimer

**CMI Product Code:** 7068

**CAS Number:** 12279-09-3

**Formula:**  $[(C_8H_{14})_2RhCl]_2$

**Formula Weight:** 717.51 g/mol

**Theoretical Rh%:** 28.7%

PARAMETER	SPECIFICATION
Rh Assay	$28.7 \pm 1.1\%$
Chemical Purity	$\geq 96.0\%$ (based on carbon %)
Microanalysis	Carbon: $53.6 \pm 2.1\%$
Infrared Spectrum	Conforms to structure
Appearance	Yellow to yellow-orange to orange-brown powder
Storage	Store under inert gas in a tightly sealed amber glass container. Recommended storage temperature 2 – 8 °C.

**Reviewing Chemist:** Dr. Bryan Frauhiger, Ph.D., Organometallic Technical Director: BEF

**Specification Approval:** Dr. Ernest Addo, Ph.D., Director of Quality & Analytical Testing: EA

**Specification Revision Date:** March 18<sup>th</sup>, 2016

**Revision Level:** 1

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.