



Product Specification

Chemical Name: Rhenium(VII) oxide

CMI Product Code: 1011

CAS Number: 1314-68-7

Formula: Re_2O_7

Formula Weight: 484.4 g/mol

Theoretical Re%: 76.9%

PARAMETER	SPECIFICATION
Re Assay	$76.9 \pm 1.1\%$
Chemical Purity	$\geq 99.9\%$ (based on trace metal analysis)
Appearance	Light yellow to dark yellow to green crystals
Storage	Very hygroscopic. Store in a tightly sealed container, under an inert atmosphere, in a cool dry location

Reviewing Chemist: Tyler Bazzoli, Lead Chemist: TB

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

Release Date: February 4, 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.