



Product Specification

Chemical Name: Osmium(IV) oxide hydrate
CMI Product Code: 4014
CAS Number: 89520-34-3
Formula: OsO₂•H₂O
Formula Weight: 222.23 g/mol (anhydrous)
Theoretical % Os: 85.6% (anhydrous)

PARAMETER	SPECIFICATION
Os Assay	79.0 ± 3.0%
Purity	≥ 98% (trace metals analysis)
Appearance	Solid powder or crystals
Storage	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 1st, 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.