



Product Specification

Chemical Name: Potassium osmium (VI) oxide hydrate [“potassium osmate”]

Product Code: 4007

CAS Number: 10022-66-9

Formula: $K_2OsO_4 \cdot 2H_2O$ or $K_2[OsO_2(OH)_4]$

Formula Weight: 368.43 g/mol

Theoretical Os%: 51.6%

PARAMETER

SPECIFICATION

Os Assay

$51.6 \pm 0.6\%$

Purity

$\geq 99\%$

Appearance

Violet powder or crystal

Storage

Store in a tightly closed glass container in a cool, dry place

Reviewing Chemist: Tyler Bazzoli, Lead Chemist(s): 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.