



Product Specification

Chemical Name: Platinum(IV) oxide hydrate

CMI Product Code: 6007

CAS Number: 1314-15-4

Formula: $\text{PtO}_2 \cdot x\text{H}_2\text{O}$

Formula Weight: 227.09 g/mol (anhydrous)

Theoretical Pt%: 85.9% (anhydrous)

PARAMETER

SPECIFICATION

Pt Assay

$81.0 \pm 3.0\%$

Surface Area

$\geq 80.0 \text{ m}^2/\text{g}$

Appearance

Very fine rust colored powder

Storage

Store in a tightly closed container in a cool dry place.

Reviewing Chemist: Ron Bottomley, Lead Chemist(s): RB

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

Specification Revision Date: October 15th, 2021

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.

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