

Product Specification

Chemical Name: Palladium (II) Oxalate Hydrate solution

CMI Product Code: 5059-S

CAS Number: 57592-57-1

Formula: $Pd(C_2O_4)$.xH₂O in solution

Formula Weight: $194.44 \text{ g/mol Pd}(C_2O_4)$

Theoretical Pd%: 54.7% (anhydrous)

| H ₂ O//////////Po | ~ ⁰ ///// | √ 0 |
|------------------------------|----------------------|---------------------|
| | dr | in H ₂ O |
| H_2O | 0- | \ 0 |

| PARAMETER | SPECIFICATION |
|------------------------|--|
| Pd Assay | 3.0 – 7.0 % |
| Chemical Purity | >99% (>99.9% Pd) |
| Chlorides | < 500.00 ppm (metal basis) |
| Appearance | Brown solution |
| Storage | Store in a tightly closed container in a |

Reviewing Chemist: Ron Bottomley, Lead Chemist: <u>RB</u>

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

cool dry place.

Specification Revision Date: January 21st, 2015

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.