



**Product Specifications: Palladium(II) chloride solution #5010S**

Chemical Name:  
Palladium(II) chloride solution

|                   |   |   |
|-------------------|---|---|
| CMI Product Code: | 5010S   |   |
| CAS Number:       | 7647-10-1                                       |   |
| Formula:          | PdCl <sub>2</sub> in hydrochloric acid solution | PdCl <sub>2</sub> in hydrochloric acid solution |
| Formula Weight:   | 177.33 g/mol (solute)                           |   |
| Theoretical % Pd: | 60.0 (solute)                                   |   |

| <b>PARAMETER</b>       | <b>SPECIFICATION</b>   |
|------------------------|--|
| Appearance             | red to brown solution  |
| Pd assay               | 14.5 ± 11.5%   |
| Free acid (as HCl)     | 11.0 ± 5.0%  |
| Trace Metal impurities | < 1000 ppm all metals  |
| Storage:               | Store in a tightly closed container that is suitable for a corrosive material in a cool dry place. |

Reviewing Chemist: Peter B. Kettler, Ph.D. Technical Director  
Specification Date: 25 January 2013

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.