



## Product Specification

**Chemical Name:** Hydrogen tetrachloroaurate(III) solution ["Chloroauric acid"]

**CMI Product Code:** 2027-S

**CAS Number:** 27988-77-8

**Formula:** H<sub>2</sub>AuCl<sub>4</sub> in dilute HCl

**Formula Weight:** 339.79 g/mol (anhydrous)

**Theoretical Au%:** 57.97% (anhydrous)

### PARAMETER

### SPECIFICATION

---

**Au Assay**

1.0 – 30.0%

**Chemical Purity**

> 99.95% (trace metal basis)

**Free Acid Content**

10.0 – 11.0%

**Appearance**

Yellow to orange solution

**Storage**

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

**Reviewing Chemist:** Ron Bottomley, Lead Chemist: RB

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

**Specification Revision Date:** August 5<sup>th</sup>, 2016

**Revision:** 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.