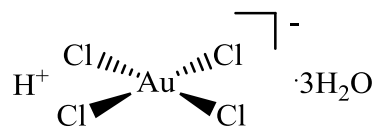




**Product Specifications: Hydrogen tetrachloroaurate(III) trihydrate #2001**

Chemical Name:  
 Hydrogen tetrachloroaurate(III) trihydrate  
 Gold chloride, acid, hydrate  
 Tetrachloroauric acid hydrate

CMI Product Code: 2001  
 CAS Number: 16961-25-4  
 Formula: H<sub>2</sub>AuCl<sub>4</sub>·3H<sub>2</sub>O  
 Formula Weight: 393.84 g/mol  
 Theoretical % Au: 50.0



PARAMETER	SPECIFICATION
Chemical Purity	> 99% (> 99.9% Au)
Appearance	yellow, orange to brownish crystalline solid or chunks
Au assay	49.6 ± 0.6%
Trace Metals Impurities	< 1000 ppm all metals
Solubility in ether	< 0.1% insoluble
Alkali and other metals	< 0.2%
Storage:	Store cold in a tightly closed opaque container.

Reviewing Chemist: Peter B. Kettler, Ph.D. Technical Director  
 Specification Date: 5 October 2012

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.