



Product Specification

Chemical Name: Hydrogen tetrachloroaurate(III) trihydrate

CMI Product Code: 2001

CAS Number: 16961-25-4

Formula: $\text{HAuCl}_4 \cdot 3\text{H}_2\text{O}$

Formula Weight: 339.79 g/mol (anhydrous)

Theoretical Au%: 58.0% (anhydrous)

PARAMETER	SPECIFICATION
Au Assay	50.0% \pm 1.0%
Purity	> 99.9% (trace metals analysis)
Solubility in Ether	< 0.1% Insoluble
Alkali and Other Metals	< 0.2%
Appearance	Orange powder or chunks
Storage	Store in a tightly closed opaque 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: March 5th, 2016

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.