



Product Specification

Chemical Name: Ammonium tetrachloroaurate(III) hydrate

CMI Product Code: 2034

CAS Number: 13874-04-9

Formula: $\text{NH}_4\text{AuCl}_4 \cdot x\text{H}_2\text{O}$

Formula Weight: 356.82 g/mol (anhydrous)

Theoretical Au%: 55.2% (anhydrous)

PARAMETER

SPECIFICATION

Au Assay

52.8% \pm 2.0%

Purity

\geq 99.9% (trace metals basis)

Appearance

Orange powder or crystals

Storage

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

Reviewing Chemist: Tyler Bazzoli, Lead Chemist(s): TB

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

Specification Revision Date: August 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.