



Product Specification

Chemical Name: Trisodium aurate bis(monothiosulfato)dihydrate

CMI Product Code: 2051

CAS Number: 33614-49-2

Formula: $\text{Na}_3\text{Au}(\text{S}_2\text{O}_3)_2 \cdot 2\text{H}_2\text{O}$

Formula Weight: 526.22 g/mol

Theoretical Au%: 37.43%

PARAMETER

SPECIFICATION

Au Assay

$37.43 \pm 1.2\%$

Chemical Purity

$\geq 99.9\%$ (trace metals basis)

X-Ray Diffraction

Conforms to structure

Appearance

White to off-white powder

Storage

Store cold (2-8 °C) under nitrogen in light proof bottle. Shelf life 1 year from manufacturing date.

Reviewing Chemist: Dr. Bryan Frauhiger, Ph.D., Organometallic Technical Director: BEF

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

Specification Revision Date: February 29th, 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.