



Specification

Gold(III) Chloride Trihydrate

Catalog Number: GC1001
CAS Number: 16961-25-4
Synonym(s): Hydrogen tetrachloroaurate(III), Tetrachloroauric(III) acid
Molecular Formula: $\text{HAuCl}_4 \cdot 3\text{H}_2\text{O}$
Molecular Weight: 393.83
Storage: 15°C – 30°C
Retest Date: Two years after date of manufacture.

Test	Specification
Appearance	Orange crystals
Purity	≥ 99.0%
Gold Content	≥ 50.0%
Aluminum	≤ 0.005%
Calcium	≤ 0.005%
Chromium	≤ 0.005%
Copper	≤ 0.005%
Iron	≤ 0.005%
Lead	≤ 0.005%
Magnesium	≤ 0.005%
Manganese	≤ 0.005%
Platinum	≤ 0.005%
Ruthenium	≤ 0.005%
Silicon	≤ 0.005%
Silver	≤ 0.005%
Zinc	≤ 0.005%

Approved by:

John Grubb, PhD
Gojira Fine Chemicals, LLC
Quality Manager
Tel: 440-252-5397 Fax: 888-211-5523
john@gojiraafc.com

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