



Product Specification

Product Name: GOLD(III) CHLORIDE Trihydrate AR

Alternate Name(s) Chloroauric acid

Description

Yellow to red solid. Very soluble in water and alcohol, soluble in ether.

Properties

Chemical Formula:

Molecular Weight: 393.83 g/mol

Product Code: GA110

CAS No. 16961-25-4

General Information:

Decomposes on strong heating to Cl₂, HCl, and metallic gold.

Hazard and Safety Data

UN Group: II
Class: 8
UN Number: 3260
Hazchem code: 2X
CS MSDS Code: 3CHAG
Poison schedule: Not scheduled
Emergency
Procedure Guide No.: 37

Quality Specification

Assay: 49.0% min. (Au)

Specific Properties and Impurities [Typical levels]:

Insoluble in Ether ≤0.1%
Alkalis and other metals (sulfates) ≤0.2%

CONFORMS TO ACS

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