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Product Specification

Product Name:

Gold(III) chloride hydrate - 99.995% trace metals basis

Product Number:

254169

 $\text{HAuCl}_4 \cdot x\text{H}_2\text{O}$

CAS Number:

27988-77-8

MDL:

MFCD00011322

Formula:

 $\text{HAuCl}_4 \cdot x\text{H}_2\text{O}$

Formula Weight:

339.79 g/mol

TEST

Specification

Appearance (Color)

Conforms to Requirements

Yellow-Orange to Orange

Appearance (Form)

Crystals or Granules or Chunks

Gravimetric Analysis

47.5 - 51.5 %

% Gold (After Reduction With Sulfite)

ICP Major Analysis

Confirmed

Confirms Gold Component

Purity

Meets Requirements

99.995% Based On Trace Metals Analysis

Trace Metal Analysis

 ≤ 55.0 ppm

Specification: PRD.3.ZQ5.10000003959

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

