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Product Specification

Product Name:
Gold(III) chloride trihydrate - ACS reagent, ≥49.0% Au basis

Product Number:	G4022	$\text{HAuCl}_4 \cdot 3\text{H}_2\text{O}$
CAS Number:	16961-25-4	
MDL:	MFCD00149904	
Formula:	$\text{HAuCl}_4 \cdot 3\text{H}_2\text{O}$	
Formula Weight:	393.83 g/mol	
Storage Temperature:	2 - 8 °C	

TEST	Specification
Appearance (Color)	Yellow to Orange
Appearance (Form)	Powder or Crystal or Chunk(s)
ICP Major Analysis	Confirmed
Confirms Gold Component	
Gravimetric Analysis	≥ 49.0 %
% Gold	
Insoluble matter	≤ 0.1 %
C= 10%, Ether	
Miscellaneous Assay	≤ 0.2 %
Alkalies and Other Metals	
Meets ACS Requirements	Current ACS Specification
Recommended Retest Period	-----
1 Year	

Specification: PRD.3.ZQ5.10000030512

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.

