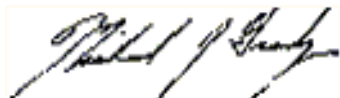


Certificate of Analysis

Product Name : Gold(III) chloride trihydrate ACS reagent, ≥49.0% Au basis
Product Number : G4022-10G
Batch Number : 0000114643
 Source Batch : MKCN3279
 CAS Number : 16961-25-4
 Storage Temperature : Cooler/Refrigerated
 Molecular Formula : $\text{HAuCl}_4 \cdot 3\text{H}_2\text{O}$
 Formula Weight : 393.83
 Recommended Retest Date : Sep 2021
 Quality Release Date : 06 OCT 2020

Test	Specification	Result
Appearance (Color)	Yellow to Orange	Orange
Appearance (Form)	Powder or Crystal or Chunk(s)	Chunk(s)
ICP Major Analysis	Confirmed	Confirmed
Confirms Gold Component		
Gravimetric Analysis	≥ 49.0 %	49.4 %
% Gold		
Insoluble Matter	≤ 0.1 %	< 0.1 %
C=10%, Ether		
Miscellaneous Assay	≤ 0.2 %	< 0.2 %
Alkalies and Other Metals		
Meets ACS Requirements	Current ACS Specification	Conforms
Recommended Retest Period	-----	-----
1 Year		



Michael Grady, Manager
 Quality Control
 Milwaukee, WI
 US

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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale.

Version Number: 01 Doc 1056782

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