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## Certificate of Analysis

Product Name:

Bis(chloro gold(III)) [1,1'-bis(diphenylphosphino)ferrocene] 95%

**Product Number:** 735043  
**Lot Number:** 00996PM  
**Brand:** ALDRICH  
**CAS Number:** 122092-51-7  
**Formula:** C<sub>34</sub>H<sub>28</sub>Au<sub>2</sub>Cl<sub>2</sub>FeP<sub>2</sub>  
**Formula Weight:** 1,019.22 g/mol  
**Quality Release Date:** 14 DEC 2010

Test	Specification	Result
Appearance (Color)	White to Very Dark Yellow	Very Dark Yellow
Appearance (Form)	Solid or Powder or Crystals or Chunks	Powder
	Solid, Powder, Crystals, Crystalline Powder and/or Chunks	
Infrared spectrum	Conforms to Structure	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms
Phosphorus NMR Spectra	Conforms to Structure	Conforms
Assay	36.3 - 41.0 %	37.2 %
%Gold		
Carbon	37.7 - 42.5 %	40.4 %

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.