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## Certificate of Analysis

Product Name:

{4-[2-Di(1-adamantyl)phosphino]phenylmorpholine}gold(I) bis(trifluoromethanesulfonyl)imide

**Product Number:** 768189  
**Batch Number:** SHBC8478  
**Brand:** ALDRICH  
**Formula:** C<sub>32</sub>H<sub>42</sub>AuF<sub>6</sub>N<sub>2</sub>O<sub>5</sub>PS<sub>2</sub>  
**Formula Weight:** 940.75 g/mol  
**Quality Release Date:** 18 DEC 2012

Test	Specification	Result
Appearance (Color)	White to Light Yellow and Faint Beige to Light Beige and Faint Brown to Light Brown	Faint Beige
Appearance (Form)	Powder or Chunks	Powder
Infrared spectrum	Conforms to Structure	Conforms
Proton NMR Spectrum	Conforms to Structure	Conforms
Phosphorus NMR Spectrum	Conforms to Structure	Conforms
Carbon	39.43 - 42.29 %	40.94 %
Sulfur (S)	6.58 - 7.06 %	6.83 %
Gravimetric Analysis % Au After Reduction with Sulfite	20.2 - 21.7 %	20.4 %



Jamie Gleason, Manager  
Quality Control  
Sheboygan Falls, 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. 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.