

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

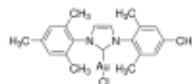
Outside USA: eurtechserv@sial.com

## Certificate of Analysis

Product Name:

Chloro[1,3-bis(2,4,6-trimethylphenyl)imidazol-2-ylidene]gold(I) - 95 %

**Product Number:** 696501  
**Batch Number:** MKBP1464V  
**Brand:** ALDRICH  
**Formula:** C<sub>21</sub>H<sub>24</sub>AuClN<sub>2</sub>  
**Formula Weight:** 536.85 g/mol  
**Storage Temperature:** Store at 2 - 8 °C  
**Quality Release Date:** 09 APR 2013  
**Date Retested:** 13 JUN 2014  
**Recommended Retest Date:** JUN 2015



Test	Specification	Result
Appearance (Color)	White to Off White	Off-White
Appearance (Form)	Powder or Crystals	Crystals
Infrared Spectrum	Conforms to Structure	Conforms
Proton NMR Spectrum	Conforms to Structure	Conforms
Carbon	46.5 - 52.4 %	46.7 %
Nitrogen	5.1 - 5.9 %	5.2 %
Titration by AgNO <sub>3</sub>	94.0 - 106.0 %	98.3 %
Recommended Retest Period	-----	-----
1 Year		

Ali Ataei, 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. 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.