

3050 Spruce Street, Saint Louis, MO 63103, USA

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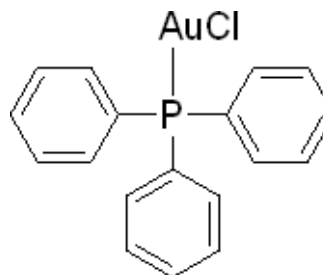
Outside USA: eurtechserv@sial.com

## Certificate of Analysis

Product Name:

Chloro(triphenylphosphine)gold(I) -  $\geq 99.9\%$  trace metals basis

**Product Number:** 254037  
**Batch Number:** MKBP5412V  
**Brand:** ALDRICH  
**CAS Number:** 14243-64-2  
**MDL Number:** MFCD00009588  
**Formula:** C<sub>18</sub>H<sub>16</sub>AuClP  
**Formula Weight:** 495.71 g/mol  
**Quality Release Date:** 16 AUG 2013



Test	Specification	Result
Appearance (Color)	White to Yellow	White
Appearance (Form)	Powder or Crystals	Powder
Infrared spectrum	Conforms to Structure	Conforms
Carbon	43.0 - 44.4 %	43.8 %
ICP Major Analysis	Confirmed	Conforms
Confirms Au and P Components		
Trace Metal Analysis	$\leq 1000.0$ ppm	$< 1000.0$ ppm
Aluminum (Al)		2.0 ppm
Antimony (Sb)		$< 0.5$ ppm
Arsenic (As)		$< 0.5$ ppm
Barium (Ba)		$< 0.5$ ppm
Boron (B)		0.1 ppm
Calcium (Ca)		7.0 ppm
Chromium (Cr)		0.7 ppm
Cobalt (Co)		$< 0.2$ ppm
Copper (Cu)		0.4 ppm
Iron (Fe)		3.0 ppm
Lead (Pb)		$< 0.5$ ppm
Lithium (Li)		0.1 ppm
Magnesium (Mg)		0.5 ppm
Manganese (Mn)		0.3 ppm
Nickel (Ni)		1.0 ppm
Potassium (K)		15.0 ppm
Sodium (Na)		5.0 ppm

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.

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## Certificate of Analysis

**Product Number:** 254037  
**Batch Number:** MKBP5412V

Test	Specification	Result
Tin (Sn)		< 0.5 ppm
Titanium (Ti)		10.0 ppm
Vanadium (V)		0.1 ppm
Zinc (Zn)		0.6 ppm
Purity	Meets Requirements	Meets Requirements
> = 99.9% Based On Trace Metals Analysis		



Jamie Gleason, Manager  
Quality Control  
Milwaukee, Wisconsin US

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