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|---------------|-------------|--------------|----------|----------|
| Date Prepared | Revised     | Date Revised | Approved | Reviewed |
| 11-23-05      | By: Initial | Initial      | By: PK   | QA: WS   |

### TYPICAL SPECIFICATION

|                   |  |
|-------------------|--|
| Product:          | Chloro(triethylphosphine)gold(I)<br>[CAS # 15529-90-5]               |
| CMI Product #:    | 2022   |
| Formula:          | AuCl(P(C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> )                |
| Formula Weight:   | 350.57   |
| Theoretical % Au: | 56.2   |
| <u>TEST</u>       | <u>REQUIREMENT</u>   |
| Appearance        | Colorless crystalline solid  |
| Chemical Purity:  | 99%  |
| Au assay:         | 56.2 ± 0.8%  |
| Microanalysis:    | 20.56 ± 0.6% C;<br>4.31 ± 0.6% H                                     |
| Melting Point:    | 85-87°   |
| IR:               | Matches that of authentic sample.                                    |
| Storage:          | Store cold in an amber glass<br>container under an inert atmosphere. |

Prepared By: Peter Kettler, Ph.D.  
Director of Research and Development  
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