



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-503167
Lot Number: SAMPLE
Product Name: Aurothioglucose
CAS Number: 12192-57-3
Molecular Formula: $C_6H_{11}AuO_5S$
Molecular Weight: 392.18
Native Source: Synthetic

| Test | Specification | Result |
|------------------------------|---------------|---------------------------|
| Appearance | | Yellowish brown solid |
| Identification (1H -NMR) | | Consistent with structure |
| Purity | | 80% |
| Atmosphere | | Inert gas |
| Melting Point | | >107 °C (dec.) |
| Solubility | | Water |
| Carbon Content | 18.38% | 14.72% |
| Gold | | 52.10% |
| Hydrogen Content | 2.83% | 2.64% |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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