



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-250066  
Lot Number: SAMPLE  
Product Name: Gold(III) chloride  
CAS Number: 13453-07-1  
Molecular Formula:  $\text{AuCl}_3$   
Molecular Weight: 303.33

Test	Specification	Result
Appearance (Color)	Brown or red-brown to red	Dark red-brown
Appearance (Form)	Powder, crystals, crystalline powder and / or chunks	Crystalline powder
Identification (X-Ray Diffraction)	Consistent with structure	Complies
Purity (Trace Metal Analysis)	$\geq 99.99\%$	Complies
Gravimetric Analysis	63.0 - 66.9%	64.5%
Trace metal analysis	$\leq 100.0$ ppm	2.7 ppm
Cadmium		1.1 ppm
Calcium		1.2 ppm
Iron		0.3 ppm
Manganese		0.1 ppm

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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 [www.scbt.com](http://www.scbt.com)