



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-255738  
Lot Number: SAMPLE  
Product Name: 1-(2-Thiazolylazo)-2-naphthol  
CAS Number: 1147-56-4  
Molecular Formula:  $C_{13}H_9N_3OS$   
Molecular Weight: 255.30

Test	Specification	Result
Appearance	Orange to brown powder to crystal	Deep yellow red powder
Purity (Nonaqueous Titration)	$\geq 99.0\%$	99.3%
Melting Point	140.0 - 142.0 °C	141.0 °C
Solubility	Almost transparency solution in hot Methanol	Transparency solution in hot Methanol
Sensitivity	Coloring by copper sulfate solution. Fading by EDTA•2Na.	Complies

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)