



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-216028  
Lot Number: SAMPLE  
Product Name: Trypan Blue  
CAS Number: 72-57-1  
Molecular Formula:  $C_{34}H_{24}N_6O_{14}S_4 \cdot 4Na$   
Molecular Weight: 960.81

Test	Specification	Result
Appearance	Dark greenish-brown to black powder	Black powder
Identification	Conforms to standard	Complies
Solubility	Clear to opaque dark blue solution (1mg/ml H <sub>2</sub> O)	Clear blue solution
Absorbance	≥ 800 (1%/1cm at max. 606.0nm)	834
Dye Content	≥ 80%	81.0%
Loss on Drying	≤ 10%	6.45%

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)