



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-202882  
Lot Number: SAMPLE  
Product Name: 2,3-Diaminonaphthalene  
CAS Number: 771-97-1  
Molecular Formula:  $C_{10}H_{10}N_2$   
Molecular Weight: 158.20

Test	Specification	Result
Appearance	White to brown powder or crystals	Light brown powder
Identification ( $^1H$ -NMR)	Consistent with structure	Complies
Purity (HPLC)	$\geq 98.0\%$	99.9%
Melting Point	197 - 203 °C	198 °C
Fluorescence Emission Max	406.0 $\pm$ 5.0 nm	406 nm
Carbon Content	75.92 %	75.66%
Hydrogen Content	6.37 %	6.44%
Nitrogen Content	17.71%	17.62%
Suitability	Suitable ad fluorescent detection reagent for nitrite	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)