



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-215401  
Lot Number: SAMPLE  
Product Name: Murexide  
CAS Number: 3051-09-0  
Molecular Formula:  $C_8H_8N_6O_6$   
Molecular Weight: 284.19

Test	Specification	Result
Appearance	Red to purple powder	Complies
Solubility	Clear, reddish-pink, purple or dark blue solution at 0.1% in water	Complies
E1%	$\geq 300$ (1 cm cell, at $\lambda_{max}$ )	324
$\lambda_{max}$	520 - 525 nm	522 nm
Sensitivity	Sensitivity to Calcium: pass	Complies
Water Content	$\leq 3.0\%$	0.9%

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)