



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-255627
Lot Number: SAMPLE
Product Name: Sulfur trioxide pyridine complex
CAS Number: 26412-87-3
Molecular Formula: $C_5H_5NO_3S$
Molecular Weight: 159.16

Test	Specification	Result
Appearance (Color)	White to beige	Off-white
Appearance (Form)	Powder or powder with chunks	Powder
Identification (Infrared Spectrum)	Complies with structure	Complies
Solubility	10% in Dimethyl Sulfoxide	Complies
Solution (Color)	Colorless to very dark yellow and very faint orange to dark orange and very faint brown to dark brown	Yellow
Solution (Turbidity)	Clear at 10% in DMSO	Clear
Carbon	36.8 - 38.7 %	36.9 %
Nitrogen	8.5 - 9.1 %	8.7 %
Sulfur	19.6 - 20.7 %	19.8 %

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