



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-474990
Lot Number: SAMPLE
Product Name: Sulfur trioxide N,N-dimethylformamide Complex
CAS Number: 29584-42-7
Molecular Formula: $C_3H_7NO_4S$
Molecular Weight: 153.16

Test	Specification	Result
Appearance	White crystals, powder or crystalline powder	White powder
Identification (1H-NMR)	Consistent with structure	Complies
Titration	SO ₃ : 50.7% - 54.4% (NaOH 1 M)	SO ₃ : 52.1% (NaOH 1 M)
Carbon Content	22.7% - 24.4%	22.96%
Nitrogen Content	8.8% - 9.5%	8.90%

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.

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