



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-285836
Lot Number: SAMPLE
Product Name: Fmoc-S-methyl-L-cysteine
CAS Number: 138021-87-1
Molecular Formula: $C_{19}H_{19}NO_4S$
Molecular Weight: 357.42

Test	Specification	Result
Appearance		White powder
Identification (TLC)		Complies
Purity		99.6% (Elemental analysis, Cth 63.85%, Cfd 63.61%)
Purity (HPLC)		99.3% (TFA)
Melting Point		147 °C
Solubility		Clear colorless solution (50 mg/mL in Dioxane)
Optical Rotation ($\alpha_{24/D}$)		- 14.5°(c = 1 in Dioxane)
Carbon Content	63.9%	63.6%
Hydrogen Content	5.4%	5.1%
Nitrogen Content	3.9%	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.

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