



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-281156
Lot Number: SAMPLE
Product Name: Stigmasterol
CAS Number: 83-48-7
Molecular Formula: $C_{29}H_{48}O$
Molecular Weight: 412.69

Test	Specification	Result
Appearance		White powder
Identification	Passes	Complies
Purity	$\geq 95\%$	95.2%
Melting Point	160 - 170 °C	165.5 - 167 °C
Residue on Ignition		0.06%
FTIR	Conforms to standard	Complies
Optical Rotation	-47° - -53° (c=2, chloroform)	-52.50°
Heavy Metals		NMT 10 ppm
Loss on Drying	$\leq 0.6\%$	0.1%

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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