



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-202578
Lot Number: SAMPLE
Product Name: Dihydrocapsaicin
CAS Number: 19408-84-5
Molecular Formula: $C_{18}H_{29}NO_3$
Molecular Weight: 307.4
Native Source: *Capsicum* fruit.

Test	Specification	Result
Appearance	White to off-white solid	White solid
Identification	Identical to standard reference	Complies
Purity (HPLC)	$\geq 85.0\%$	88%
Elemental Analysis	C: 68.0 - 73.0% N: 4.3 - 4.8%	C: 70.4 % N: 4.5%
Solubility	Soluble in chloroform (50 mg/ml), DMSO or 100% ethanol; sparingly soluble in water.	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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