



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-497633
Lot Number: SAMPLE
Product Name: L-(+)-Ergothioneine-d9
CAS Number: 497-30-3 (unlabeled)
Molecular Formula: $C_9H_6D_9N_3O_2S$
Molecular Weight: 238.35

Test	Result
Active Ingredient	Inert gas
Appearance	White solid
Identification (1H -NMR)	Consistent with structure
Identification (Mass Spectrometry)	Consistent with structure
Identification (TLC)	Complies
Isotopic Purity	97.2%
Purity (HPLC)	99.85%
Melting Point	> 216.0 °C (dec.)
Solubility	Methanol, water
Specific Rotation	+115.5° (c = 0.21, water)

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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