

Certificate of Analysis

Date of Testing: 2022-08-10 10:51:34
Date of Next Testing: 2024-08-09 10:51:34
Product Name: **L-(+)-Ergothioneine**
CAS Number: 497-30-3
Specifications & Purity: $\geq 98\%$
Lot #: H2205920
SKU #: **L134175**
Analysis: 113437
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.72200%
Specific Rotation $[\alpha]_{20}^D(c=1 \text{ in H}_2\text{O})$	110-125 ($^{\circ}$)	123.42 $^{\circ}$
Appearance (L134175)	white powder or solid	white powder or solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless and clear,50 mg/mL	pass	Pass



John Su
QA & QC Manager