

## Certificate of Analysis

Date of Testing: 2023-07-31 13:22:00  
Date of Next Testing: 2025-07-30 13:22:00  
Product Name: **L-(+)-Ergothioneine**  
CAS Number: 497-30-3  
Specifications & Purity:  $\geq 98\%$   
Lot #: G2320875  
SKU #: **L134175**  
**Analysis: 241323**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.14500%
Specific Rotation $[\alpha]_{20}^D(c=1 \text{ in H}_2\text{O})$	110-125 ( $^{\circ}$ )	124.16 $^{\circ}$
Appearance (L134175)	white powder or solid	white powder or solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless and clear,50 mg/mL	pass	Pass



John Su  
QA & QC Manager