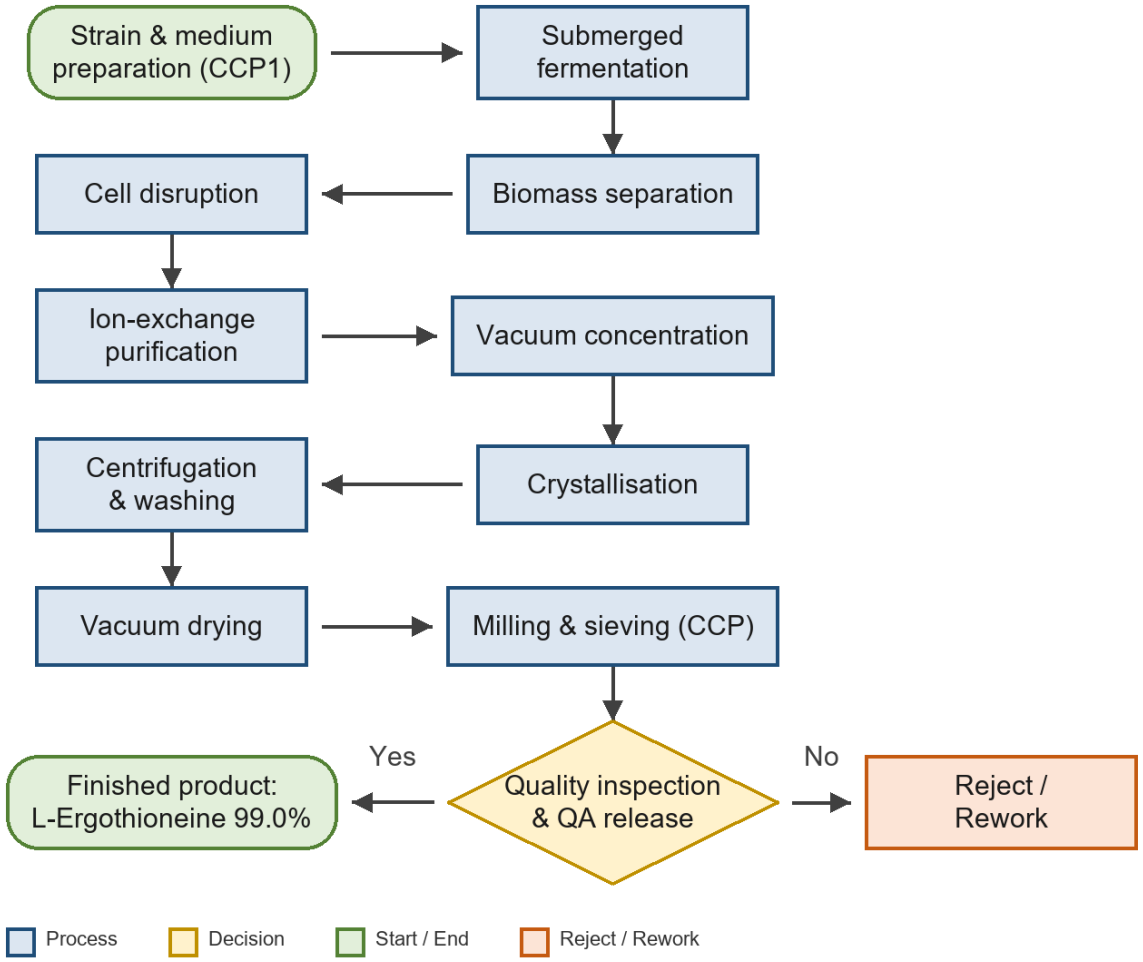
Chengdu PNP Biotech Co., Ltd.

No. 13, South Section 1, Second Ring Road
Suite 709, Wuhou District, Chengdu
Sichuan 610041, P.R. China
info@pnpbiotech.com
www.pnpbiotech.com

# PROCESS FLOW CHART

## L-Ergothioneine 99.0%

L-Ergothioneine 99.0% is produced by submerged fermentation. A selected strain is grown in a defined medium under controlled conditions, the biomass is separated and disrupted, and the ergothioneine is purified on ion-exchange resin, concentrated under vacuum, crystallised, centrifuged, washed, vacuum dried, milled and sieved before quality inspection and QA release.




The process is operated under a HACCP-based food-safety plan and GMP; critical control points include raw-material acceptance (CCP1), the in-process checks marked on the chart, and the final quality inspection and QA release. Off-spec material is rejected or reworked.

Prepared by: Mia Yu  Approved by: Charlie Wang  Date: Nov. 04, 2026