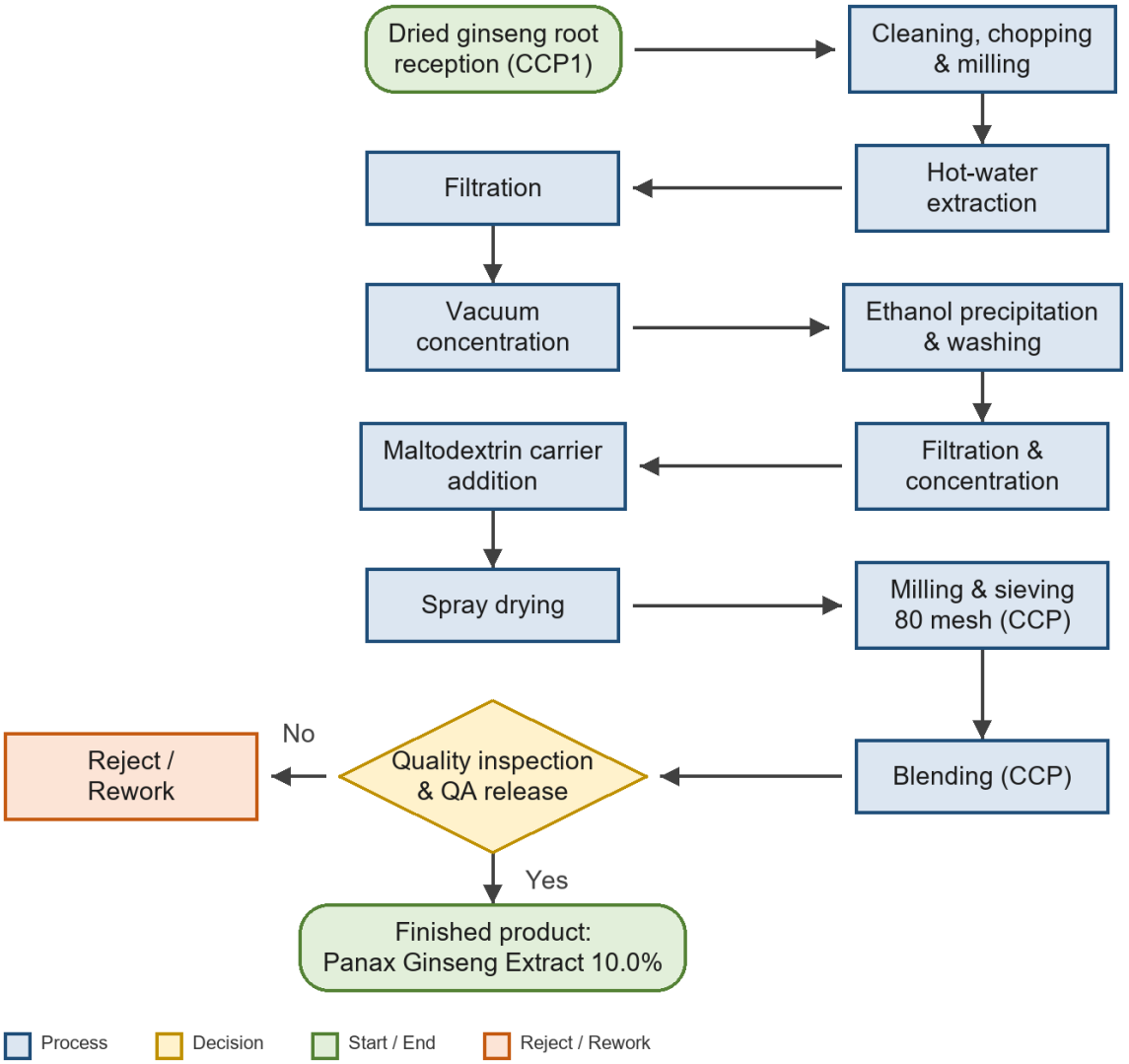
Chengdu PNP Biotech Co., Ltd.
No. 13, South Section 1, Second Ring Road
Suite 709, Wuhou District, Chengdu
Sichuan 610041, P.R. China
info@pnpbiotech.com
www.pnpbiotech.com

PROCESS FLOW CHART

Panax Ginseng Extract 10% Ginsenosides

Panax Ginseng Extract 10.0% is manufactured from the dried root of *Panax ginseng* C.A.Mey. The root is cleaned, chopped and milled and extracted with hot water at 90-100 °C. The extract is filtered and concentrated under vacuum below 70 °C, and the concentrate is treated with a limited amount of ethanol to precipitate polysaccharides and other water-soluble ballast, which are removed by filtration; the ethanol is recovered from the filtrate. The purified solution is concentrated again, blended with the declared maltodextrin carrier (10% of the finished powder) and spray dried. The powder is milled, sieved through 80 mesh and blended 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. 17, 2026