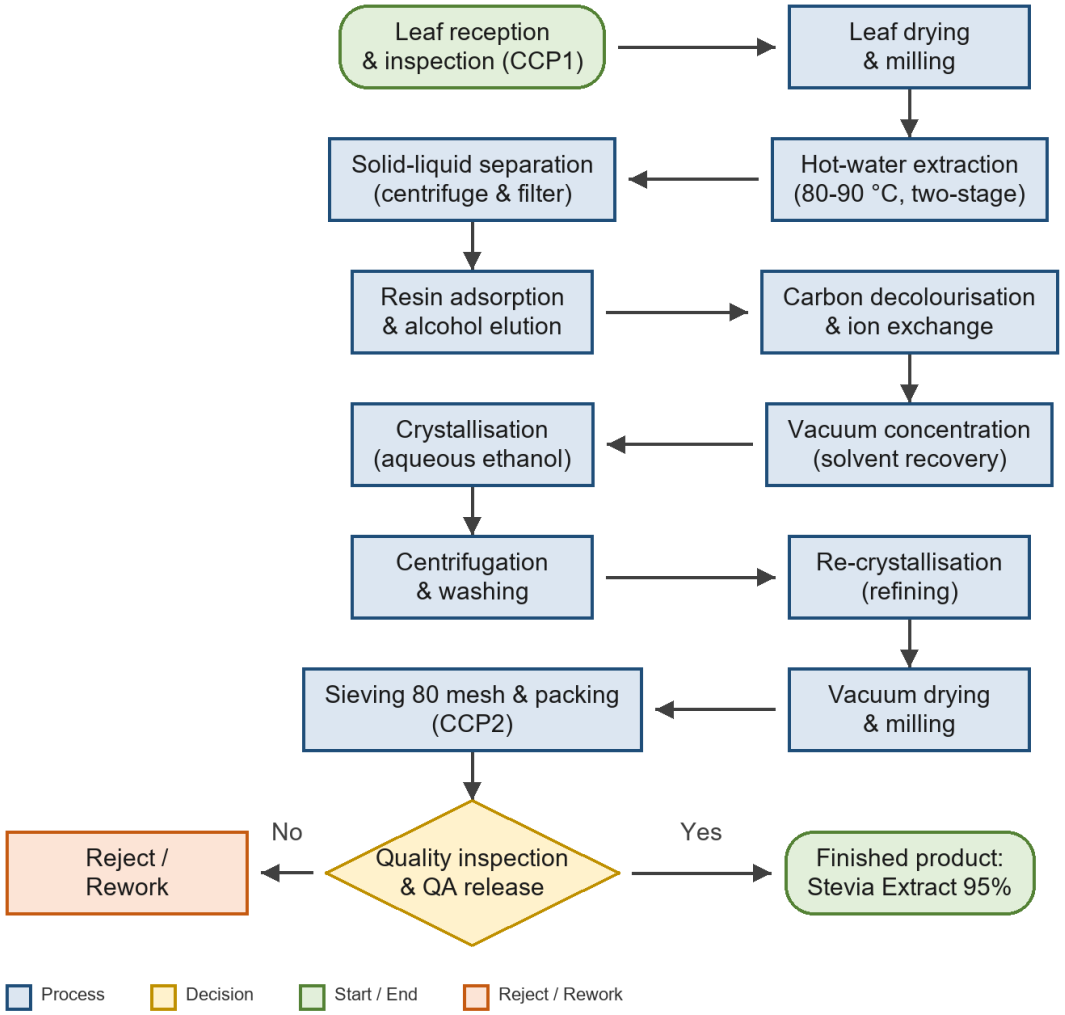
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PROCESS FLOW CHART

Stevia Extract 95% Rebaudioside A

Stevia Extract 95% Rebaudioside A is made from the dried leaves of *Stevia rebaudiana* Bertoni. The leaves are inspected at CCP1, dried and milled, and extracted twice with hot water at 80-90 °C; the liquor is separated by centrifuge and polish filtration. The glycosides are trapped on an adsorption resin, released with aqueous ethanol and the eluate is decolourised on activated carbon and demineralised on ion-exchange resin. After vacuum concentration with solvent recovery the glycosides are crystallised from aqueous ethanol, centrifuged, washed, re-crystallised for refining, vacuum-dried and milled. The powder is sieved through 80 mesh and packed (CCP3), and released at not less than 95.0% total steviol glycosides and not less than 95.0% rebaudioside A on the dried basis by HPLC. No enzyme, no fermentation step and no carrier are used.



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. 18, 2026