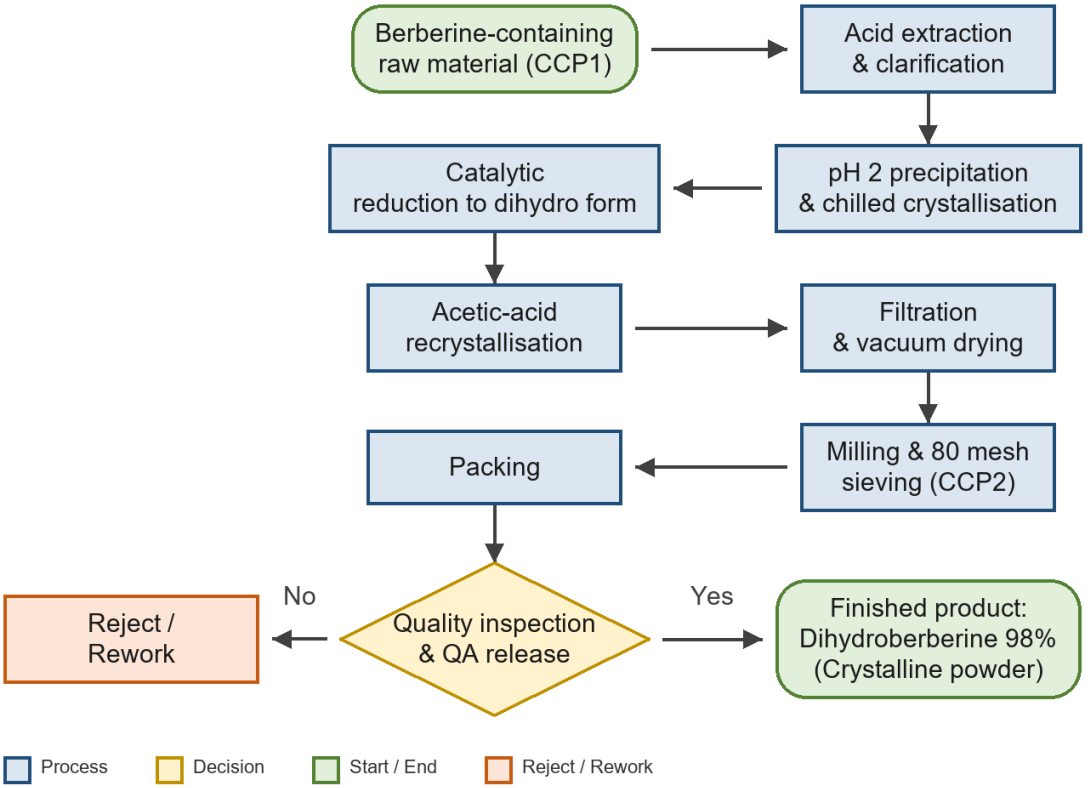
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PROCESS FLOW CHART

Dihydroberberine 98%

Dihydroberberine 98% is the reduced form of the isoquinoline alkaloid berberine. The reference images in the I column are labelled 'not a product specification' and depict berberine isolation (pH 2 precipitation, chilled crystallisation, acetic-acid recrystallisation) rather than the dihydro article; that purification skeleton is retained and a catalytic reduction step from berberine to dihydroberberine is inserted before the final recrystallisation. Assay is not less than 98.0% by HPLC, loss on drying ≤12.5%. The article is a yellow crystalline powder, milled/sieved (CCP2). Because the source certificate carries no botanical Latin name, the identity table uses country of origin and 'Not applicable' for molecular fields (rule 6.10.12).



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: Sep. 30, 2026