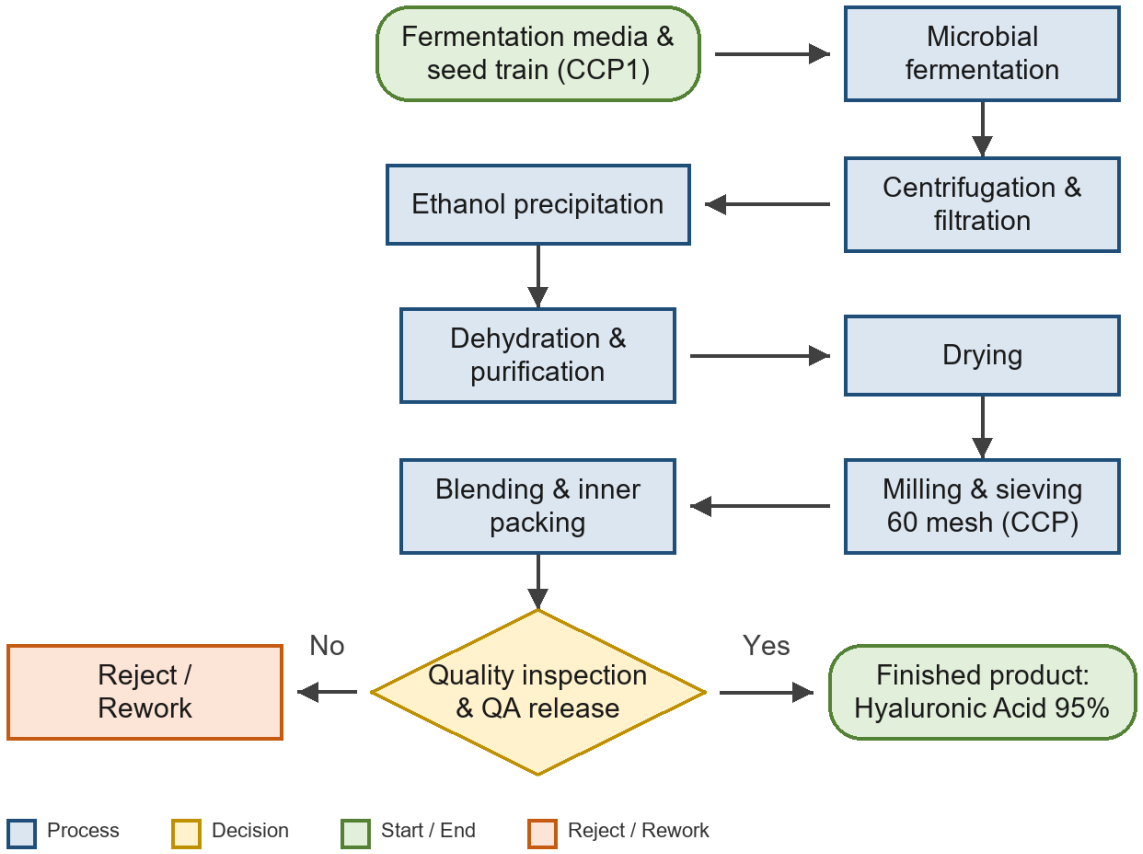
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PROCESS FLOW CHART

Hyaluronic Acid 95%

Hyaluronic Acid 95% is produced by microbial fermentation using *Streptococcus equi* subsp. zooepidemicus. Medium and seed culture are prepared and fermented; the broth is clarified by centrifugation and filtration and the polymer is recovered by ethanol precipitation, then dehydrated and purified, dried, milled and sieved through 60 mesh (CCP), blended and packed before a final quality inspection and QA release. The finished article is the sodium salt of hyaluronic acid, a high-molecular-weight glycosaminoglycan, controlled to not less than 95.0% sodium hyaluronate on the dried basis by HPLC. Ethanol is used as the precipitation solvent and is removed to the pharmacopoeial limit; no carrier or excipient is added.



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: Aug. 31, 2026