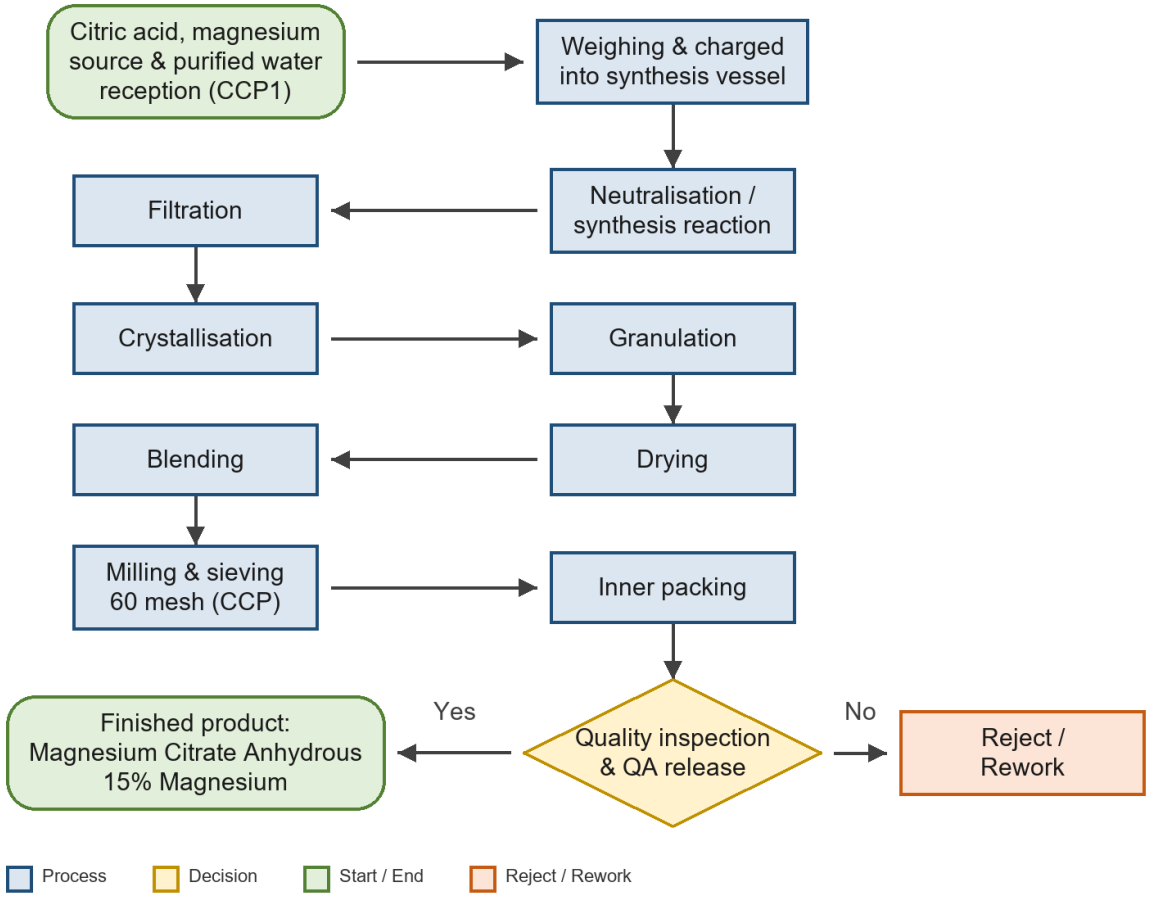
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PROCESS FLOW CHART

Magnesium Citrate Anhydrous 15% Magnesium

Magnesium Citrate Anhydrous is manufactured by the neutralisation of citric acid with a magnesium source in purified water. The raw materials are weighed and charged into the synthesis vessel, reacted, filtered and crystallised; the crystals are granulated, dried, blended, milled and sieved through 60 mesh (CCP), then inner-packed before a final quality inspection and QA release. No organic solvent is used, the process being entirely aqueous. The resulting light yellow powder is controlled to not less than 15.0% magnesium on the dried basis, with no carrier or excipient.



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. 07, 2026