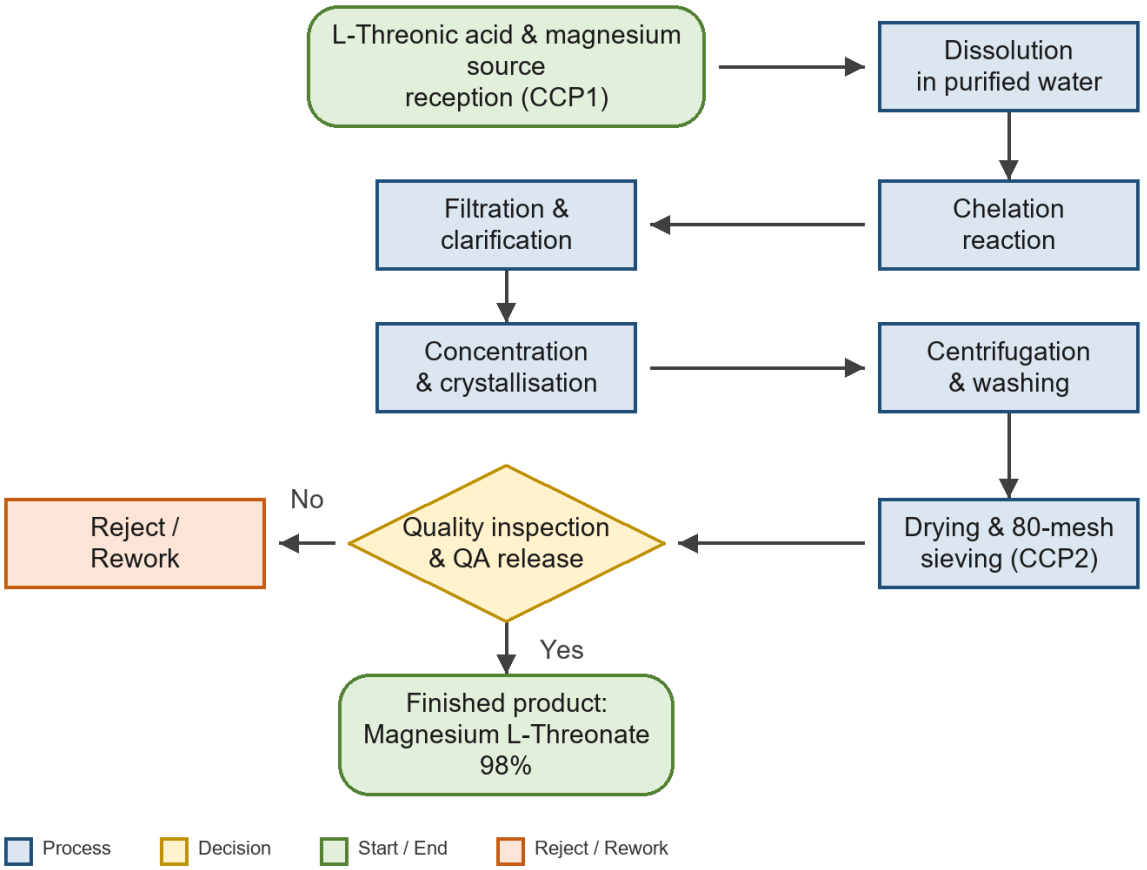
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PROCESS FLOW CHART

Magnesium L-Threonate 98%

Magnesium L-Threonate 98% is produced by chelating L-threonic acid with a magnesium source in purified water. The reactants are dissolved, the chelation reaction completed, and the solution filtered, concentrated and crystallised. The crystals are centrifuged, washed, dried and sieved before quality inspection and QA release, giving a white to off-white powder of not less than 98.0% assay by HPLC and 7.2%-8.5% elemental magnesium.



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. 20, 2026