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(54) Title: INTEGRATED AUTOMATED FILTRATION FOR SEPARATION, WASHING AND DRYING OF PEPTIDE CRYSTALS

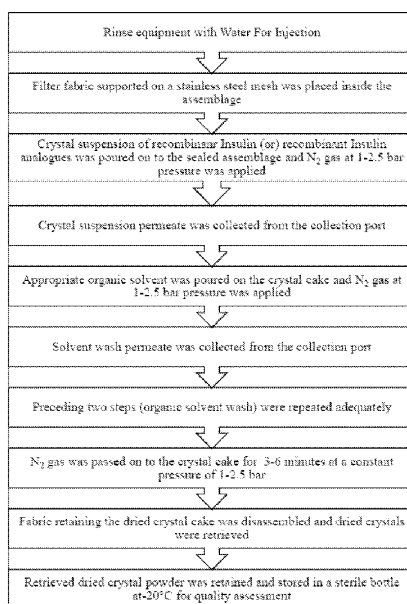


Figure 1: flowchart of process pressure filtration in rHI purification

(57) Abstract: The present invention describes the integration of preparative crystallization, crystal separation, crystal washing and freeze-drying processes into single continuous process using pressure filtration. The process facilitates time reduction, and outlines the novel design of using multiple organic solvent washes and nitrogen gas purging for the removal of imbibed water and achieve final drug substance that meets the quality specifications.

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