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(54) Title: PROTEIN PURIFICATION METHODS AT ALKALINE PH

(57) Abstract: This disclosure describes methods for purifying cytoplasmic proteins from cell-wall comprising cells involving treat-
ments at alkaline pH in the range of 8.5 to 12.0. Cells are perforated rather than lysed thereby allowing good separation from cell-
wall fragments. Perforation may involve alkaline exhaustion treatment, heating to around 60°C, use of reducing agents, mechanical
treatment and combinations thereof. The methods further result in protein products with minimized undesirable odors and flavors.

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