



Protein recovery and recycling from animal by-products processes

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Objective

Recovery of valuable proteins and their hydrolysates from high-protein-content processing water and from greaves that are generated in rendering facilities, Category 3 and 2 APBs respectively, for their application as fertilisers and as retanning agent.

Expected results

- Availability of a procedure for recovering valuable collagen derivatives from greaves and water processing produced in both rendering facilities and processed meat industries.
- Design, construction and set-up of demonstration plants for the treatment of greaves and processing water.
- Production and validation of fertilisers and retanning agents, based on the recovered protein hydrolysates
- Possibility of recovery of 100 tons protein per year.
- Recovery of water discharges at partners' facilities.

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Coordinator



Partners

