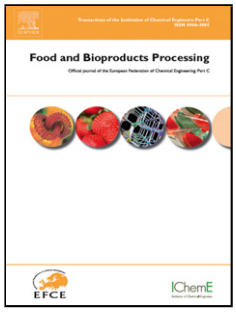

Title: Extraction, purification and characterisation of dermatan sulphate from bovine collagen waste liquor

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Highlights

- The processing of animal hide generates valuable by-products
- Bovine collagen waste liquor is a source of anti-thrombotic dermatan sulphate
- Filtration and chromatography produces dermatan sulphate with >93% purity
- Bovine hide dermatan sulphate inhibits thrombin through heparin cofactor II