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(54) Title: PURIFICATION OF OLIGOSACCHARIDES FROM A FERMENTATION BROTH BY USING FILTRATION

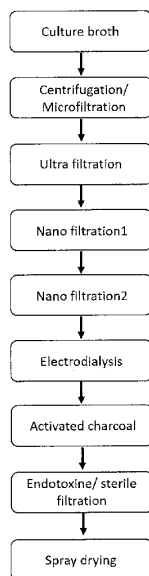


FIG. 1

(57) Abstract: A method for the purification of an oligosaccharide, preferably a neutral human milk oligosaccharide (HMO) or a sialylated HMO, from a fermentation broth, the method comprising: - providing a fermentation broth which contains the oligosaccharide of interest, biomass, microbial cells and carbohydrates other than the oligosaccharide of interest; - removing the microbial cells from the fermentation broth, thereby providing a process stream; - subjecting the process stream to a first filtration step using a nanofiltration membrane, thereby providing a filtrate which contains the oligosaccharide of interest; - subjecting the filtrate to a second filtration step using a nanofiltration membrane, thereby providing a retentate which contains the oligosaccharide of interest; and - removing salts from the process stream using electrodialysis thereby providing a purified preparation of the oligosaccharide of interest.

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