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(54) Title: METHODS FOR MAKING CHARGED ULTRAFILTRATION MEMBRANES AND USES THEREOF IN DAIRY AP-  
PLICATIONS

(57) Abstract: Charged ultrafiltration membranes are synthesized by thermally initiated free-radical polymerization of sodium styrene  
sulfonate in the pores of an ultrafiltration precursor membrane. The resulting grafted chains of the charged UF membrane provide  
significant negative charge to maintain nearly complete rejection of proteins at significantly higher flux.

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