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Continuous methods of fungal laccase concentration

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Statement of the Problem: Downstream processing of biological molecules is a very time- and energy-consuming task. One of the major trends in contemporary biotechnology revolves around cost-e ective and environment-friendly methods of concentration and puri cation of bioproducts. Various novel downstream processing tactics are currently being investigated as alternatives to established methods such as ultra Itration and chromatography. e purpose of this research was to examine the feasibility of polyethylene glycol-phosphate aqueous two phase systems (ATPS) and cetrimonium bromide-induced foam fractionation (FF) as methods for Cerrena unicolor an Pleurotus sapiduaccase separation from culture supernatants. Both processes were investigated in batch and continuous fos mr (v)-3 B.6 (p)12 7.6 0enateay a e ptnstae fs rs mernos m(o)12 (d)0.60.5a 14-L1b1 (r)]io(r)13 (o)-9e(ac)-6.9 76 (d)

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