

Title (en)

REAL-TIME MONITORING OF AN ANALYTE BY CHROMATOGRAPHY USING AN ON-LINE ASSAY

Title (de)

ECHTZEITKONTROLLE EINES ANALYTEN DURCH CHROMATOGRAPHIE UNTER VERWENDUNG EINES ONLINE-ASSAYVERFAHRENS

Title (fr)

SUIVI EN TEMPS REEL D'UN ANALYTE PAR CHROMATOGRAPHIE EN LIGNE

Publication

EP 1044378 A2 20001018 (EN)

Application

EP 98965982 A 19981209

Priority

- US 9826172 W 19981209
- US 7015097 P 19971231

Abstract (en)

[origin: WO9934220A2] The presence of a contaminating analyte in a protein mixture may obscure detection of a protein of interest. In addition, antibody breakthrough is obscured by flow-through of contaminant proteins when loading cell culture fluid onto affinity columns. An on-line chromatographic assay described herein allows real-time measurement of contaminating analyte during purification or antibody breakthrough during loading and collection of a protein of interest in preparative chromatography. Breakthrough curves are generated allowing the user to end loading of cell culture fluid and/or to end effluent collection for maximization of efficient purification and preventing waste of cell culture fluid.

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IPC 8 full level

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CPC (source: EP)

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