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(54) Title: METHOD FOR VERIFYING CULTIVATION DEVICE PERFORMANCE

(57) Abstract: Herein is reported a method for determining if process data acquired during the cultivation of a mammalian or bacterial cell is affected by a problem comprising the steps of (i) fitting the process data acquired during the cultivation of a mammalian or bacterial cell clone expressing a recombinant, heterologous polypeptide in a metabolic model generated for the same mammalian or bacterial cell expressing the same recombinant, heterologous polypeptide, and (ii) determining that the cultivation is affected by a problem if the modeled fit shows an offset with respect to the raw data of more than 10 %, or the modeled fit has a χ^2 value determined by a Pearson's chi-squared test of more than 5.