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(54) Title: PROCESS OF PURIFICATION OF hCG AND RECOMBINANT hCG PURIFIED BY THAT METHOD

(57) Abstract: A process for the purification of recombinant human Chorionic Gonadotropin (hCG) from a sample of crude recombinant hCG in the supernatant of CHO cells comprises the combined use of ion-exchange chromatography and reverse phase HPLC. The ion-exchange chromatography is performed twice and the final use of a size exclusion chromatography allows the purification from any residual traces of contaminants. The specific bioactivity of the highly purified hCG obtained from the process is particularly high, amounting to about 25.000 IU/mg.