

## ABSTRAKT- EN

The features of instability of silver nanosuspensions prepared by two alternatives of reduction Tollens method were studied. Sodium borohydride and maltose were selected and used as reduction agent. The samples used differ from the aspects of particle size and their zeta potential. These two parameters were monitored during the process of reverse dialysis and following process of spray drying by using of manitol as carrier. As nanodispersion stabilizers were tested protective colloids - gelatin hydrolysate, polyvinylalcohol and poloxamers.