

a 2010 0002

The invention relates to processes for obtaining highly dispersed metals, in particular to a process for obtaining highly dispersed colloidal silver, which can be used in medicine or veterinary medicine.

The process, according to the invention, includes reduction in aqueous solution of silver nitrate, or silver sulphate, or silver acetate with the concentration of 10^{-2} ... 10^{-5} mol/L, using as reducer ascorbic acid or sodium borohydride, or hydrazine hydrate and subsequent addition as colloidal protector of a mixture of 1-thioglycerol and 1,2-dithioglycerol, taken, respectively, within a range of (1:10)...(1:10).

Claims: 3