Stability of colloidal solutions There are two types of stability for colloid solution: sedimentation stability and aggregation stability.Coagulation threshold is the minimal concentration of a given electrolyte that causes visible coagulation of a certain sol.So, the coagulation threshold (C) is calculated from the molarity of electrolyte solution (C) and its volume (V), and from the volume of sol (V).Ccoagulation(CV)/(V+V) The higher the coagulation threshold, the weaker the coagulative ability; and the lower the coagulative threshold, the stronger the coagulative ability of a given electrolyte.Electrostatic factor is determined by the electrokinetic potential (4).