

The invention relates to a method for regeneration of luminescent materials. A method comprises treatment of waste of luminophor by super sulfuric ammonium in the medium of acetic acid in the presence of hydrofluoric acid, sedimentation of suspension and decantation of liquid phase. Waste of luminophor is in addition treated by chloride lime in alkaline medium at an amount of 10-20 % to mass of luminophor and citric acid at an amount of 0.2-0.3 % of luminophor mass.