

Double salt of nickel (II)-cobalt (II) aquaaminopyrophosphate of general formula of  $\text{Ni}_x\text{Co}_{4-x}(\text{P}_2\text{O}_7)_2 \cdot n(\text{NH}_3) \cdot m(\text{H}_2\text{O})$ , where  $x = 1.0 \div 3.0$ ;  $n = 2.0 \div 6.0$ ;  $m = 8.0 \div 10.0$ , as well as a method for its preparation by means of saturation of mechanical mixture of nickel (II) and cobalt (II) hydrated pyrophosphates, taken in accordance with mole ratio of NiO:CoO between 3:1 and 1:3, ammonia gas at a temperature of 15-25 °C for 24-48 hours is described.