

Method for producing therapeutic and prophylactic agent with anti-inflammatory activity from plant raw material involves using the herb of blue cow wheat (*Melampyrum nemorosum*) as the plant raw material, which is loaded into a maceration tank and covered with an extractant for 4–5 hours to steep. The medicinal raw material is transferred to a percolator, filled to the formation of mirror with a 70% ethanol solution, and steeped for 24 hours. The own percolation is carried out at with a fresh portion of the extractant feed rate of 0.31 ml/min, wherein the optimal ratio between the amount of the starting raw material and the obtained liquid extract is 1:5. The first portion of the extract is obtained in an amount of 85% by weight of the raw material and left, the percolation is then continued in the second receiver. The obtained extracts are combined, filtered and concentrated to 15% by weight of the raw material under vacuum in a rotary evaporator at a temperature of 55 ± 5 °C. The concentrated residue in the amount of 15% is dissolved in the first extract in the amount of 85%, steeped at a temperature not exceeding 10 °C for 48 hours and filtered.