## FRAGRANT WATERS

Fragrant water - formulations containing in an aqueous or aqueous-alcoholic solution of essential oils. In appearance are transparent liquid having the smell of their constituent of essential oils; they should not have a musty smell and mucous consistency.

Fragrant water can be obtained in two ways: by distillation of aromatic plant raw material with steam and essential oils by dissolving in water. Fragrant distilled water was prepared in the factory. according to RFVIII, in pharmacy conditions fragrant water obtained by trituration in a mortar, 1 part of essential oil with 10 parts of talcum. The resulting mixture was vigorously stirred for 15 minutes with warm water 60-70C. Process grinding increases the surface of the oil phase, and the hot water is more rapid and complete dissolution of the essential oil in water (I.A.Muravev). The cooled mixture was filtered through filter paper, previously moistened with water.

The RF VIII shows the following recipe flavored waters, obtained by dissolving essential oils:

Water mint: Peppermint oil - 1 part; pure talc - 10 parts of water, heated to 50-60C - 1000 parts;

Water dill: dill oil - 1 part; pure talc - 10 parts of water, heated to 50-60C - 100 parts;

water pink: Rose oil - 1 part; pure talc - 10 parts of water, heated to 50-60C - 4000 parts.

Method trituration essential oil with talc has some drawbacks: talc, promoting dispersion of the oil phase, on the other hand, retains a substantial amount of essential oil; aromatic water obtained by this method are unstable in storage; process for their preparation sufficiently laborious.

Some authors offer new ways of getting fragrant waters. GA Weisman, IM Paprika recommended to use for this purpose dilution peppermint oil concentrate with sugar warm purified water.

Triturated in a mortar 1.0 Peppermint essential oil with 9.0 macrocrystalline sugar. For the preparation of aromatic water should be 1.0 to dilute the concentrate with stirring 100 ml of purified water temperature of 50-60FROM.

BV Nazarov recommend using alcohol corresponding concentrates of essential oils. 3.0 peppermint oil or fennel oil 3.0 carefully shaken with 97 ml of 90% ethyl alcohol until complete dissolution of the oil. For perfumed water to 1 ml of alcoholic concentrate should be added to 99 ml of purified water.

There are a number of ways to cook fragrant waters in the pharmacy. For example, one can first prepare a concentrated emulsion peppermint oil using the emulsifier Tween-80. Composition: Tween-80 - 42.5 g of peppermint oil - 7.5 g and purified water - 50 ml.

For perfumed water the concentrate must be diluted in a ratio of 1: 1000.

ON "Pharmacy" (Moscow) is designed following a method for producing aromatic waters in pharmacy conditions: 0.05 dill oil (0.44 or peppermint oil) stirred under aseptic conditions (about 1 minute) until complete dissolution with 1 L of sterile purified water.

Fragrant store water in a well-sealed bottles in a cool place.