

97-0027

The invention relates to the water treatment, particularly to the reduction of the nitrite-ions content into the potable water.

The summary of the invention consists in the fact that a method of nitrite-ion content reduction in the potable water is proposed, including the reductant water treatment.

Sodium dihydroxyfumarate (DHFNa) is used as a reducing agent in the following concentration relation, mol/l:

$$[\text{DHFNa}] : [\text{NO}_2^-] = 1 \times 10^{-3} \dots 1 \times 10^{-4}$$

the water purification from the nitrite is carried out during 10-30 min.

The technical result consists in the nitrite-ions reduction with the formation of the nontoxic compounds.

Claims: 1

Fig.: 4