

THE ABSTRACT SOME ASPECTS OF DEVELOPMENT OF TECHNOLOGY FAST-SOLUBLE TABLETS OF GLUCOSAMINE HYDROCHLORIDE

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The opportunity of reception of tablets of glucosamine hydrochloride is investigated by a method of direct pressing. On the basis of definition of technical characteristics on a substance it is established, that additives of connecting substances as which are used microcrystalline cellulose Avicel pH101 and Kollidon 25, simultaneously carrying out a role desintegrators are necessary. At studying kinetic of solubilities of tablets it is established, that for 15 minutes of 95% glucosamine hydrochloride passes in a solution that allows ranking the developed tablets to fast-soluble. Fast disintegration and solubility in this case is necessary for decrease of irritating influence of glucosamine hydrochloride on walls of a stomach and increase of bioavailability of a preparation.