

OPTIMIZATION OF STRUCTURE A SOLUTION OF CALCIUM GLUCONATE BY A METHOD OF MATHEMATICAL PLANNING OF EXPERIMENT

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Solubility of calcium gluconate at presence of calcium lactate and malic acid is investigated by a method of mathematical planning of experiment. Studying of solubility in system of calcium gluconate - calcium lactat – malic acid – water has shown, that additional components influence on a solubility of calcium gluconate in a different degree. Areas of a variation of concentration calcium lactate and malic acid for reception of solutions of calcium gluconate of various concentrations are found.