

THE INVESTIGATION OF METHYLENE BLUE MOLECULES ASSOCIATION FEATURE IN SOLUTIONS USING INFRARED ABSORPTION SPECTRUMS

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This paper contains methylene blue molecules association processes in aqueous and ethanol solutions research results by means of the method of infrared absorption spectrums. Analysis of received results allowed as to draw conclusions that methylene blue molecules and solution molecules associate as in aqueous solutions as in ethanol solutions. At the same time methylene blue molecules self-association processes take place in the water by means of water molecules O-H-bonds as well.