

LIGHT SCATTERING IN WATER  
SOLUTIONS OF GLYCERIN

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S u m m a r y

The presence of anomalous molecular light scattering in aqueous glycerin solutions with small concentrations of glycerin is experimentally shown. The concentrations and temperature dependences of the scattering coefficient are given. As shown by calculations, the maxima of light scattering in this region of concentrations can be explained by structural changes in the solution instead of the concentration scattering. The indirect confirmation of this fact can be found in the refraction coefficient dependence on the mole part of glycerin.