

Determination of isothermic compressibility of solvent from changes in the absorbance of a dye solution under pressure

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Abstract

A new method of determination of the isothermic compressibility coefficient of a solvent from a change in the absorbance of a solution of the dye under elevated pressure (up to 100 MPa) was proposed. The method was checked by comparison with the known data for carbon tetrachloride and toluene at 25 °C. © Springer Science+Business Media, Inc. 2006.

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Keywords

Compressibility, High pressure, Tetrachloromethane, Toluene