



Infrared dispersion of the hydrogen-bonded pentachlorophenol pyridine complex.

Autorzy

Jerzy P. Hawranek

Bogusława Czarnik-
Matusiewicz

Władysław Wrzeszcz

Rok wydania

1994

Czasopismo

Journal of Molecular
Structure

Numer woluminu

322

Strony

181-186

DOI

10.1016/0022-
2860(94)87033-0

Kolekcja

Naukowa

Język

Angielski

Typ publikacji

Artykuł

Streszczenie

Thin film transmission spectra of binary solutions of pentachlorophenol in pyridine were measured in the 4200–500 cm^{-1} range. From these data the spectra of both components of the complex refractive index and of the complex electric permittivity were obtained in the studied IR region. The molar vibrational polarization of the H-bonded complex was determined and compared with data obtained from previously studied pentachlorophenol complexes.

Adres publiczny

[https://doi.org/10.1016/0022-2860\(94\)87033-0](https://doi.org/10.1016/0022-2860(94)87033-0)

Strona internetowa wydawcy

<http://www.elsevier.com>