

Mean Amplitudes of Vibration of Phosphine Borane and Trifluorophosphine Borane

Enrique J. Baran

Centro de Química Inorgánica (CEQUINOR/CONICET,
UNLP), Facultad de Ciencias Exactas, Universidad Nacional
de La Plata, C. Correo 962, 1900-La Plata, Argentina

Reprint requests to Prof. Dr. E. J. B.;

Fax: (54) 0221 4259485;

E-mail: baran@quimica.unlp.edu.ar

Z. Naturforsch. **60a**, 554 – 556 (2005);
received April 20, 2005

The mean amplitudes of vibration of PH_3BH_3 and PF_3BH_3 were calculated from known spectroscopic and structural data between 0 and 1000 K and compared with those of related species. Bond peculiarities are also briefly discussed.

Key words: PH_3BH_3 ; PF_3BH_3 ; Mean Amplitudes of
Vibration; Bond Properties.