

Mean Amplitudes of Vibration of Iodine Trifluoride

E. 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. E. J. B.;
E-mail: baran@quimica.unlp.edu.ar

Z. Naturforsch. **56a**, 333–334 (2001);
received January 12, 2001

Mean amplitudes of vibration of IF₃ have been calculated from vibrational spectroscopic data in the temperature range between 0 and 1000 K. Bond properties of the molecule are discussed on the basis of these results. Some comparison with related species are made.

Key words: IF₃; Mean Amplitudes of Vibration: Bond Properties.