Mean Amplitudes of Vibration of BrO$_2$F$_2^-$ and IO$_2$F$_2^-$

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

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Mean amplitudes of vibration of the anions BrO$_2$F$_2^-$ and IO$_2$F$_2^-$ have been calculated from vibrational spectroscopic data in the temperature range between 0 and 1000 K. Bond properties of these species are discussed on the basis of the obtained results and by comparison with known data for related molecules and ions.

Key words: BrO$_2$F$_2^-$; IO$_2$F$_2^-$; Mean Amplitudes of Vibration; Bond Properties.