

Mean Amplitudes of Vibration of BrO_2F_2^- and IO_2F_2^-

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Mean amplitudes of vibration of the anions BrO_2F_2^- and IO_2F_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_2F_2^- ; IO_2F_2^- ; Mean Amplitudes of Vibration; Bond Properties.