

Structure Data of Free Polyatomic Molecules

57 IR	BBrH⁺		Bromoborane(2) (1+) ion	$\text{C}_{\infty v}$ H-B ⁺ -Br
	r_0	$\text{\AA}^a)$		
	H-B	1.2979(5)		
	B-Br	1.7218(5)		

The structure was determined from the rotationally resolved IR laser velocity modulation spectrum of the ν_3 fundamental band.

^{a)} Uncertainties were not given in the original paper.

Hunt, N.T., Collet, D., Liu, Z., Davies, P.B.: J. Chem. Phys. **111** (1999) 5905.