

Species Tag:	82001	Name:	HBr-81
Version:	2		Hydrogen bromide,
Date:	Apr. 1993		⁸¹ Br isotope
Contributor:	H. M. Pickett		

Lines Listed:	143	Q(300.0)=	103.454
Freq. (GHz) <	9999	Q(225.0)=	78.392
Max. J:	20	Q(150.0)=	53.358
LOGSTR0=	-8.0	Q(75.00)=	28.366
LOGSTR1=	-8.0	Q(37.50)=	15.916
Isotope Corr.:	-0.306	Q(18.75)=	9.774
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	6.935
μ_a =	0.828	A=	
μ_b =		B=	250250.2
μ_c =		C=	

The experimental data were taken from F. A. Van Dijk and A. Dymanus, 1969, Chem. Phys. Lett. **4**, 170 and G. Di Lonardo, L. Fusina, P. De Natale, M. Inguscio, and M. Prevedelli, 1991, J. Mol. Spect. **148**, 86. The dipole moment was reported in F. A. Van Dijk and A. Dymanus, 1971, 26th Symposium on Molecular Structure and Spectroscopy, Columbus, Ohio, R12, p. 80.