

Species Tag:	80001	Name:	HBr-79
Version:	2		Hydrogen bromide,
Date:	Apr. 1993		<sup>79</sup> Br isotope
Contributor:	H. M. Pickett		

Lines Listed:	143	Q(300.0)=	103.423
Freq. (GHz) <	9999	Q(225.0)=	78.368
Max. J:	20	Q(150.0)=	53.343
LOGSTR0=	-8.0	Q(75.00)=	28.358
LOGSTR1=	-8.0	Q(37.50)=	15.912
Isotope Corr.:	-0.296	Q(18.75)=	9.773
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	6.934
$\mu_a$ =	0.828	A=	
$\mu_b$ =		B=	250357.6
$\mu_c$ =		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.