

Species Tag:	39003	Name:	c-C3HD
Version:	2		Mono-deutero
Date:	Jan. 1996		cyclopropenylidene,
Contributor:	J. C. Pearson		X $^1\Sigma^+$,
Lines Listed:	21610	Q(300.0)=	7401.0283
Freq. (GHz) <	9999	Q(225.0)=	4810.1694
Max. J:	50	Q(150.0)=	2618.8773
LOGSTR0=	-8	Q(75.00)=	927.0252
LOGSTR1=	-8	Q(37.50)=	328.7466
Isotope Corr.:	-3.523	Q(18.75)=	116.9743
Egy. (cm^{-1}) >	0.0	Q(9.375)=	41.8988
μ_a =	1.29	A=	34517.5
μ_b =	3.18	B=	26965.8
μ_c =		C=	15098.5

The observed lines are from M. Bogey, C. Demuynck, J. L. Destombes and H. Dubus, 1987, J. Mol. Spect. **122**, 313.

The dipole moment for C_3H_2 was determined by H. Kanata, S. Yamamoto and S. Saito, 1987, Chem. Phys. Lett. **140**, 221. The dipole has been rotated according to the structure of Bogey *et al.* to get the a and b components.