

Species Tag:	39001	Name:	c-HC-13-CCH
Version:	2		Cyclopropenylidene,
Date:	Jan. 1996		X $^1\Sigma^+$ ,
Contributor:	J. C. Pearson		asymmetric $^{13}\text{C}$
			isotope
Lines Listed:	17768	Q(300.0)=	6554.7149
Freq. (GHz) <	9999	Q(225.0)=	4258.7312
Max. J:	50	Q(150.0)=	2318.6532
LOGSTR0=	-8	Q(75.00)=	820.8744
LOGSTR1=	-8	Q(37.50)=	291.1880
Isotope Corr.:	-1.654	Q(18.75)=	103.6708
Egy. ( $\text{cm}^{-1}$ ) >	0.0	Q(9.375)=	37.1776
$\mu_a$ =	0.51	A=	34857.2
$\mu_b$ =	3.39	B=	31288.5
$\mu_c$ =		C=	16443.0

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  $\text{C}_3\text{H}_2$  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.