

Species Tag:	76002	Name:	HCCCC-13-CN
Version:	1		Cyanodiacetylene,
Date:	Dec. 1979		<sup>13</sup> C isotope
Contributor:	R. L. Poynter		on atom 2
Lines Listed:	99	Q(300.0)=	4700.024
Freq. (GHz) <	264	Q(225.0)=	3417.433
Max. J:	99	Q(150.0)=	2316.862
LOGSTR0=	-6.7	Q(75.00)=	1174.897
LOGSTR1=	-2.6	Q(37.50)=	587.760
Isotope Corr.:	-1.955	Q(18.75)=	294.036
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	147.197
$\mu_a$ =	4.329	A=	
$\mu_b$ =		B=	1330.11
$\mu_c$ =		C=	

The experimental measurements were taken from A. J. Alexander, H. W. Kroto, and D. R. M. Walton, 1976, J. Mol. Spect. **62**, 175. The dipole moment was assumed to be the same as for the parent species.