

Species Tag:	99002	Name:	HC ₇ N
Version:	1		Cyanoheptatriyne
Date:	Dec. 1994		
Contributor:	M. L. Delitsky		
	H. M. Pickett		
Lines Listed:	518	Q(300.0)=	19760.7948
Freq. (GHz) <	112.7862	Q(225.0)=	17448.1553
Max. J:	99	Q(150.0)=	13889.0325
LOGSTR0=	-10.0	Q(75.00)=	8088.1668
LOGSTR1=	-100.0	Q(37.50)=	4154.2349
Isotope Corr.:	-0.0354	Q(18.75)=	2079.1318
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	1040.0620
μ_a =	5.0	A=	
μ_b =		B=	564.0007
μ_c =		C=	

The observed frequency measurements were taken from L.F Rodriguez and E.F Chaisson, 1980, Mon. Not. R. Astr. Soc. **192**, 651. F. Tolle *et al.*, 1981, Astron. Astrophys. **95**, 143. C. A. Olano *et al.*, 1988, Astron. Astrophys. **196**, 194. Truong-Bach *et al.*, 1988, Astron. Astrophys. **199**, 291. J. Cernicharo *et al.*, 1986, Astron. Astrophys. **160**, 181.

The dipole moment was taken from the extrapolation by H. W. Kroto *et al.*, 1978, Astrophys. J. **219**, L133.