

Species Tag:	123001	Name:	HC <sub>9</sub> N
Version:	1		Cyanooctatetrayne
Date:	Dec. 1994		
Contributor:	M. L. Delitsky		
	H. M. Pickett		
Lines Listed:	99	Q(300.0)=	7998.1962
Freq. (GHz) <	57.52	Q(225.0)=	7453.8407
Max. J:	99	Q(150.0)=	6511.8249
LOGSTR0=	-100.0	Q(75.00)=	4541.3320
LOGSTR1=	-100.0	Q(37.50)=	2624.6426
Isotope Corr.:	-0.0451	Q(18.75)=	1344.3403
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	672.7302
$\mu_a$ =	5.6	A=	
$\mu_b$ =		B=	290.5183
$\mu_c$ =		C=	

The experimental frequency measurements were taken from M. Iida, Y. Ohshima, and Y. Endo, 1991, *Astrophys. J.* **371**, L45. The dipole moment was taken from N. W. Broten *et al.*, 1978, *Astrophys. J.* **223**, L105.