

Species Tag:	27001	Name:	HCN
Version:	2		Hydrogen cyanide
Date:	Jan. 1984		
Contributor:	R. L. Poynter		

Lines Listed:	40	Q(300.0)=	424.326
Freq. (GHz) <	2913	Q(225.0)=	318.493
Max. J:	33	Q(150.0)=	212.618
LOGSTR0=	-3.8	Q(75.00)=	106.807
LOGSTR1=	-3.4	Q(37.50)=	53.914
Isotope Corr.:	0.0	Q(18.75)=	27.473
Egy. (cm <sup>-1</sup> ) >	0	Q(9.375)=	14.272
$\mu_a$ =	2.984	A=	
$\mu_b$ =		B=	44315.975
$\mu_c$ =		C=	

The observed transitions are from F. C. De Lucia and W. Gordy, 1969, Phys. Rev. **187**, 58, and from F. C. Van den Heuvel, W. L. Meerts, and A. Dymanus, 1982, Chem. Phys. Lett. **92**, 215. The dipole moment is from G. Tomasevich, 1970, Thesis, Harvard University.