

Species Tag:	45010	Name:	HOCO+
Version:	1		Protonated CO <sub>2</sub>
Date:	March 1995		
Contributor:	H. M. Pickett		

Lines Listed:	1745	Q(300.0)=	2370.828
Freq. (GHz) <	9994	Q(225.0)=	1693.558
Max. J:	30	Q(150.0)=	997.700
LOGSTR0=	-7.9	Q(75.00)=	365.595
LOGSTR1=	-8.0	Q(37.50)=	129.599
Isotope Corr.:	0.0	Q(18.75)=	46.698
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	19.262
$\mu_a$ =	2.0	A=	789950.574
$\mu_b$ =	2.8	B=	10773.736
$\mu_c$ =		C=	10609.432

The line measurements are from M. Bogey, C. Demuynek, J. L. Destombes, and A. Krupnov, 1988, *J. Mol. Struct.* **190**, 465. The dipole moments are based on calculations by S. Green *et al.*, 1976, *Chem. Phys.* **17**, 479.