

Species Tag:	31003	Name:	HDCO
Version:	1		Formaldehyde,
Date:	Feb. 1995		deuterium isotope
Contributor:	H. M. Pickett		
	M. L. Delitsky		
Lines Listed:	4204	Q(300.0)=	1929.1277
Freq. (GHz) <	9999	Q(225.0)=	1256.9963
Max. J:	90	Q(150.0)=	686.2959
LOGSTR0=	-10	Q(75.00)=	243.6807
LOGSTR1=	-8	Q(37.50)=	86.7182
Isotope Corr.:	-3.523	Q(18.75)=	31.0537
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	11.2679
μ_a =	2.324	A=	198111.99
μ_b =	0.182	B=	34910.84
μ_c =		C=	29561.07

The experimental frequencies were taken from D. Dangoisse, E. Willemot, and J. Bellet, 1978, J. Mol. Spect. **71**, 414.

The total dipole moment was assumed to be the same as for the parent H₂CO, but the components are obtained by rotating the axes by an amount which is calculated from the structure.