

Species Tag:	32006	Name:	D <sub>2</sub> CO
Version:	1		Formaldehyde,
Date:	Feb. 1995		di-deuterium isotope
Contributor:	H. M. Pickett		
	M. L. Delitsky		
Lines Listed:	3682	Q(300.0)=	11433.3263
Freq. (GHz) <	9999	Q(225.0)=	7425.5670
Max. J:	60	Q(150.0)=	4043.4608
LOGSTR0=	-10	Q(75.00)=	1432.7604
LOGSTR1=	-8	Q(37.50)=	509.2633
Isotope Corr.:	-7.648	Q(18.75)=	182.2097
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	67.3395
$\mu_a$ =	2.331	A=	141653.54
$\mu_b$ =		B=	32283.55
$\mu_c$ =		C=	26185.31

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

The dipole moment was assumed to be the same as for the parent H<sub>2</sub>CO.