

Species Tag:	40006	Name:	C2O
Version:	1		Dicarbon monoxide
Date:	April 1996		X $^3\Sigma^-$
Contributor:	H. S. P. Müller		

Lines Listed:	354	Q(300.0)=	1625.5036
Freq. (GHz) <	1632	Q(225.0)=	1219.2029
Max. J:	70	Q(150.0)=	812.8704
LOGSTR0=	-9.0	Q(75.00)=	406.6471
LOGSTR1=	-8.0	Q(37.50)=	203.5847
Isotope Corr.:		Q(18.75)=	102.0790
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	51.3580
$\mu_a$ =	1.305	A=	
$\mu_b$ =		B=	11545.597
$\mu_c$ =		C=	

The data were taken from (1) C. Yamada, S. Saito, H. Kanamori, and E. Hirota, 1985, *Astrophys. J.* **290**, L65, and (2) Y. Ohshima, Y. Endo, and T. Ogata, 1995, *J. Chem. Phys.* **102** 1493.

The dipole moment is from an *ab initio* calculation: (3) C. Thomson and B. J. Wishart, 1973, *Theor. Chim. Acta* **31**, 347.