

Species Tag:	46013	Name:	O-18-CO
Version:	1		Carbon dioxide,
Date:	Jan. 1996		mono ¹⁸ O isotope
Contributor:	H. S. P. Müller		

Lines Listed:	91	Q(300.0)=	566.8598
Freq. (GHz) <	2000	Q(225.0)=	425.1894
Max. J:	91	Q(150.0)=	283.5449
LOGSTR0=	-12.0	Q(75.00)=	141.9266
LOGSTR1=	-14.0	Q(37.50)=	71.9266
Isotope Corr.:	-2.390	Q(18.75)=	35.7310
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	18.0348
μ_a =	0.0009	A=	
μ_b =		B=	11037.894
μ_c =		C=	

The data were taken from (1) Y. Endo, K. Yoshida, S. Saito, and E. Hirota, 1980, *J. Chem. Phys.* **73**, 3511 and from (2) J. Gripp, H. Mäder, H. Dreizler, and J. L. Teffo, 1995, *J. Mol. Spect.* **172**, 430. The H value was taken from (3) L. S. Rothman, R. L. Hawkins, R. B. Wattson, and R. R. Gamache, 1992, *J. Quant. Spect. Radiat. Transfer* **48**, 537.

A dipole moment of 0.00070 (15) D was estimated in (1). A value of 0.00115 D was calculated in (4) F. A. Gangemi, 1963, *J. Chem. Phys.* **39**, 3490. The chosen value is an average.