

Species Tag:	46011	Name:	DOCO+
Version:	1		Deuterated CO ₂
Date:	March 1995		
Contributor:	H. M. Pickett		

Lines Listed:	677	Q(300.0)=	3301.413
Freq. (GHz) <	2313	Q(225.0)=	2377.388
Max. J:	30	Q(150.0)=	1415.142
LOGSTR0=	-8.0	Q(75.00)=	522.878
LOGSTR1=	-8.0	Q(37.50)=	185.439
Isotope Corr.:	0.0	Q(18.75)=	65.826
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	24.027
μ_a =	2.0	A=	437487.793
μ_b =		B=	10163.999
μ_c =		C=	9908.687

The line measurements are from M. Bogey, C. Demuynek, J. L. Destombes, and A. Krupnov, 1988, *J. Mol. Struct.* **190**, 465 and M. Bogey, C. Demuynek, and J. L. Destombes, 1986, *J. Chem. Phys.* **84**, 10. The dipole moment is based on calculations by S. Green *et al.*, 1976, *Chem. Phys.* **17**, 479. The b-dipole transitions are not calculated because the experimental data do not include lines that allow confident prediction of the b-dipole transitions.