

Species Tag:	31002	Name:	H2C-13-O
Version:	2		Formaldehyde,
Date:	Oct. 2005		¹³ C isotope
Contributor:	H. S. P. Müller		

Lines Listed:	2309	Q(300.0)=	2956.054
Freq. (GHz) <	3500	Q(225.0)=	1920.036
Max. J:	52	Q(150.0)=	1045.767
LOGSTR0=	-14.0	Q(75.00)=	370.836
LOGSTR1=	-9.5	Q(37.50)=	131.869
Isotope Corr.:	-1.972	Q(18.75)=	45.784
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	14.131
μ_a =	2.3319	A=	281993.04
μ_b =		B=	37809.107
μ_c =		C=	33215.941

The experimental data was summarized by (1) H. S. P. Müller, R. Gendriesch, L. Margulès, F. Lewen, G. Winnewisser, R. Bocquet, J. Demaison, U. Wötsel, and H. Mädler, 2000, Phys. Chem. Chem. Phys. 2, 3401. The dipole moment was measured by (2) B. Fabricant, D. Krieger, and J. S. Muentzer, 1977, J. Chem. Phys. 67, 1576.