

Species Tag:	31007	Name:	DC-13-O+
Version:	2		Formyl cation
Date:	Mar. 2007		Oxomethylum,
Contributor:	B. J. Drouin		X $^1\Sigma^+$
			D& ^{13}C isotope
Lines Listed:	40	Q(300.0)=	177.1621
Freq. (GHz) <	3561	Q(225.0)=	132.9471
Max. J:	40	Q(150.0)=	88.7314
LOGSTR0=	-10.0	Q(75.00)=	44.5276
LOGSTR1=	-8.0	Q(37.50)=	22.4313
Isotope Corr.:	-5.779	Q(18.75)=	11.3866
Egy. (cm^{-1}) >	0.0	Q(9.375)=	5.8693
$\mu_a =$	3.888	A=	
$\mu_b =$		B=	43377.32
$\mu_c =$		C=	

Data are from Woods, R.C., Saykally, R.J., Anderson, T.G., Dixon, T.A., Szanto, P.G., 1981, *J. Chem. Phys.*, 75, 4256, P. Caselli and L. Dore, 2005, *Astron. & Astroph.* **433** 1145 and V. Lattanzi, A. Walters, B. J. Drouin and J.C. Pearson, 2007, *Astroph. J.* **662**. The dipole moment was assumed to be the same as for the parent species.