

Species Tag:	30012	Name:	DOC+
Version:	1		hydroxymethylidynium,
Date:	Feb. 1996		X $^1\Sigma^+$,
Contributor:	J. C. Pearson		deuterium isotope

Lines Listed:	40	Q(300.0)=	164.1268
Freq. (GHz) <	3032	Q(225.0)=	123.1582
Max. J:	40	Q(150.0)=	82.2006
LOGSTR0=	-2.4	Q(75.00)=	41.2600
LOGSTR1=	-2.4	Q(37.50)=	20.7971
Isotope Corr.:	-3.824	Q(18.75)=	10.5697
Egy. (cm^{-1}) >	0.0	Q(9.375)=	5.4616
μ_a =	4.0	A=	
μ_b =		B=	38193.2
μ_c =		C=	

The observed lines are from: M. Bogey, C. Demuyneck and J. L. Destombes, 1986, J. Mol. Spect. **115**, 229.

The dipole was fixed to the parent species value of: C. S. Gudeman and R. C. Woods, 1982, Phys. Rev. Lett. **48**, 1344.