

Species Tag:	29007	Name:	HOC+
Version:	1		Hydroxymethylidynium,
Date:	Jan. 1996		X $^1\Sigma^+$
Contributor:	J. C. Pearson		

Lines Listed:	40	Q(300.0)=	140.139
Freq. (GHz) <	3550	Q(225.0)=	105.170
Max. J:	40	Q(150.0)=	70.212
LOGSTR0=	-3.2	Q(75.00)=	35.267
LOGSTR1=	-3.2	Q(37.50)=	17.801
Isotope Corr.:	0.	Q(18.75)=	9.073
Egy. (cm^{-1}) >	0.0	Q(9.375)=	4.715
μ_a =	4.0	A=	
μ_b =		B=	44743.9
μ_c =		C=	

The observed lines are from: C. S. Gudeman and R. C. Woods, 1982, Phys. Rev. Lett. **48**, 1344. G. A. Blake, P. Helminger, E. Herbst and F. C. De Lucia, 1983, Astrophys. J. **264**, L69. The dipole was estimated by Gudeman and Woods.