

Species Tag:	64006	Name:	H35ClCO
Version:	1		Formyl Chloride
Date:	Dec. 2005		g.s.
Contributor:	B. J. Drouin		
Lines Listed:	113626	Q(300.0)=	67376.1335
Freq. (GHz) <	1750	Q(225.0)=	43737.6607
Max. J:	99	Q(150.0)=	23794.6583
LOGSTR0=	-12.0	Q(75.00)=	8411.4018
LOGSTR1=	-12.0	Q(37.50)=	2976.3623
Isotope Corr.:	-0.1236	Q(18.75)=	1054.6650
Egy. (cm^{-1}) >	0.0	Q(9.375)=	374.6678
$\mu_a =$	0.3	A=	77971.4489
$\mu_b =$	1.6	B=	6140.8064
$\mu_c =$		C=	5685.2364

The data sets of H. Takeo and C. Matsumura, 1976, *J. Chem. Phys.* **64**, 4536; K.-F. Dossel, J. Wiese, and D. H. Sutter, 1978, *Z. Naturforsch.* **33a**, 21; M. Suzuki, K. Yamada, M. Takami, 1981, *J. Mol. Spect.* **88**, 207; and R. W. Davis, M. C. L. Gerry , 1983, *J. Mol. Spect.* **97**, 117; were used in a combined analysis. The dipole moment is taken from, Takeo and Matsumura the weak field method utilized leaves large uncertainties in these values $\mu_a = 0.3(2)$ D and $\mu_b 1.6(2)$ D.