

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 <sup>-1</sup> ) >	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.