

Species Tag:	84001	Species Name:	CH ₂ Cl ₂
Version:	1		Methyl chloride
Date:	Oct 2017		double ³⁵ Cl isotope
Contributor:	Brian Drouin		

Lines Listed:	752701	Q(300.0)=	13929631.628
Freq. (GHz) <	3512	Q(225.0)=	9090922.177
Max. J:	80	Q(150.0)=	4951248.455
LOGSTR0=	-10.0	Q(75.00)=	1749851.910
LOGSTR1=	-10.0	Q(37.50)=	618836.261
Isotope Corr.:	-0.244	Q(18.75)=	219036.568
Egy. (cm ⁻¹) >	-0.0	Q(9.375)=	77636.811
μ_a =		A=	32002.29
μ_b =	1.62	B=	3320.28126
μ_c =		C=	3065.22985

The data were taken from Kisiel et al. Vol. 92 (1997) ACTA PHYSICA POLONICA A No.2. The dipole moment is from Myers and Gwinn, Journal of Chemical Physics 20, 1420 (1952).