

Species Tag:	46003	Name:	H2CS
Version:	1		Thioformaldehyde
Date:	Jan. 1980		
Contributor:	R. L. Poynter		

Lines Listed:	517	Q(300.0)=	5984.115
Freq. (GHz) <	938	Q(225.0)=	3760.971
Max. J:	27	Q(150.0)=	2088.815
LOGSTR0=	-9.1	Q(75.00)=	750.067
LOGSTR1=	-10.0	Q(37.50)=	265.644
Isotope Corr.:	-0.022	Q(18.75)=	91.180
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	27.523
μ_a =	1.649	A=	291291.641
μ_b =		B=	17699.628
μ_c =		C=	16651.830

The experimental measurements were analyzed using the methods described in W. H. Kirchhoff, 1972, *J. Mol. Spect.* **41**, 333. The measurements and other references were taken from D. R. Johnson, F. J. Lovas, and W. H. Kirchhoff, 1972, *J. Phys. Chem. Ref. Data* **1**, 1011. The dipole moment was taken from B. Fabricant, D. Krieger, and J. S. Muentzer, 1977, *J. Chem. Phys.* **67**, 1576.