

Species Tag:	48003	Name:	H2CS-34
Version:	1		Thioformaldehyde,
Date:	Jan. 1980		³⁴ S isotope
Contributor:	R. L. Poynter		

Lines Listed:	111	Q(300.0)=	6084.150
Freq. (GHz) <	343	Q(225.0)=	4563.521
Max. J:	10	Q(150.0)=	2150.801
LOGSTR0=	-8.6	Q(75.00)=	760.501
LOGSTR1=	-4.6	Q(37.50)=	259.239
Isotope Corr.:	-1.376	Q(18.75)=	92.300
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	28.009
μ_a =	1.647	A=	291660.
μ_b =		B=	17387.949
μ_c =		C=	16376.922

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 assumed to be the same as for the parent species.