

Species Tag:	46002	Name:	Si-30-O
Version:	1		Silicon monoxide,
Date:	Dec. 1979		³⁰ Si isotope
Contributor:	R. L. Poynter		

Lines Listed:	67	Q(300.0)=	294.374
Freq. (GHz) <	2805	Q(225.0)=	221.258
Max. J:	67	Q(150.0)=	147.911
LOGSTR0=	-4.5	Q(75.00)=	74.114
LOGSTR1=	-6.4	Q(37.50)=	37.222
Isotope Corr.:	-1.506	Q(18.75)=	18.776
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	9.561
μ_a =	1.957	A=	
μ_b =		B=	24103.541
μ_c =		C=	

The experimental data were taken from E. Tiemann, 1974, J. Phys. Chem. Ref. Data **3**, 245, and T. Törring, 1968, Z. Naturforsch. **23a**, 777. The dipole moment was reported by J. W. Raymond, J. S. Muentner, and W. A. Klemperer, 1970, J. Chem. Phys. **52**, 3458.