

Species Tag:	45002	Name:	Si-29-O
Version:	1		Silicon monoxide,
Date:	Dec. 1979		<sup>29</sup> Si isotope
Contributor:	R. L. Poynter		

Lines Listed:	66	Q(300.0)=	290.871
Freq. (GHz) <	2797	Q(225.0)=	219.180
Max. J:	66	Q(150.0)=	146.184
LOGSTR0=	-4.4	Q(75.00)=	73.232
LOGSTR1=	-6.3	Q(37.50)=	36.779
Isotope Corr.:	-1.327	Q(18.75)=	18.561
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	9.451
$\mu_a$ =	3.098	A=	
$\mu_b$ =		B=	21514.07
$\mu_c$ =		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. Raymonda, J. S. Muentner, and W. A. Klemperer, 1970, J. Chem. Phys. **52**, 3458.