

Species Tag:	13001	Name:	C-13-atom
Version:	2		¹³ C isotope
Date:	Jan. 1991		
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Lines Listed:	7	Q(300.0)=	15.668
Freq. (GHz) <	810	Q(225.0)=	14.976
Max. J:	3	Q(150.0)=	13.721
LOGSTR0=	-15.4	Q(75.00)=	10.728
LOGSTR1=	-6.0	Q(37.50)=	7.086
Isotope Corr.:	-1.955	Q(18.75)=	4.060
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	2.496
μ_a =		A=	
μ_b =		B=	
μ_c =		C=	

The far-infrared lines of ¹³C carbon have been measured by Laser Magnetic Resonance (A. L. Cooksy, R. J. Saykally, J. M. Brown, and K. M. Evenson, 1980, *Astrophys. J.* **309**, 828). The hyperfine intervals of G. Wolber, H. Figger, R. A. Haberstroh, and S. Peneselin, 1969, *Phys. Lett.* **A29**, 461, and the far-infrared lines were used for the line frequencies. Intensities were calculated using the free electron g factor.