

Species Tag:	16001	Name:	O-atom
Version:	3		³ P ground state
Date:	June 2011		
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Lines Listed:	2	Q(300.0)=	6.741
Freq. (GHz) <	3000	Q(225.0)=	6.324
Max. J:	2	Q(150.0)=	5.770
LOGSTR0=	-3.5	Q(75.00)=	5.156
LOGSTR1=	-5.2	Q(37.50)=	5.007
Isotope Corr.:	0.0	Q(18.75)=	5.000
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	5.000
μ_a =		A=	
μ_b =		B=	
μ_c =		C=	

The 68 cm⁻¹ J = 0-1 and the 158.3 cm⁻¹ J = 1-2 lines of oxygen have been measured by Tunable Far-Infrared spectroscopy (L.R. Zink, K.M. Evenson, F. Matsushima, T. Nelis and R. Robinson, 1991, Ap. J. **371**, L85-L86) and confirmed to within 15 MHz with LMR (J. Brown, K.M. Evenson, L.R. Zink, Phys. Rev. A 48(5), 1993.) Intensities were calculated using the free electron g factor.