

Species Tag:	33002	Name:	O-17-O
Version:	2		Oxygen molecule $^{17}\text{O}^{16}\text{O}$
Date:	Mar. 2014		
Contributor:	E. A. Cohen		

Lines Listed:	10787	Q(300.0)=	2694.2400
Freq. (GHz) <	9992	Q(225.0)=	2019.0397
Max. J:	62	Q(150.0)=	1345.7231
LOGSTR0=	-32.0	Q(75.00)=	672.9891
LOGSTR1=	-35.0	Q(37.50)=	337.0543
Isotope Corr.:	-3.1310	Q(18.75)=	169.6964
Egy. ( $\text{cm}^{-1}$ ) >	0.0	Q(9.375)=	87.0419
$\mu_a$ =	magnetic	A=	
$\mu_b$ =		B=	41830.97
$\mu_c$ =		C=	

The data were reported by G. Cazzoli *et al.*, 1981, Nuovo Ciminto **62**, 243.

The Hamiltonian is given in: S. Yu, C.E. Miller, B.J. Drouin, H.S.P. Mueller, J. Chem. Phys. 136, 2012. The perpendicular g-factor has been removed from the intensity file in order to eliminate its excessive contribution to intensities at higher  $J$  values, the previous catalog version differed significantly from prior catalog versions due to a change in how this parameter is treated in the intensity calculation.