

Species Tag:	65003	Name:	HON18OO
Version:	1		cis - <sup>18</sup> O - Nitric acid
Date:	Dec. 2005		
Contributor:	B. J. Drouin		

Lines Listed:	44692	Q(300.0)=	29581.6142
Freq. (GHz) <	1800	Q(225.0)=	19208.8558
Max. J:	99	Q(150.0)=	10454.1595
LOGSTR0=	-7.0	Q(75.00)=	3697.0458
LOGSTR1=	-7.0	Q(37.50)=	1308.5341
Isotope Corr.:	-2.702	Q(18.75)=	463.7871
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	164.8166
$\mu_a$ =	0.874	A=	12318.5282
$\mu_b$ =	1.989	B=	11847.4252
$\mu_c$ =		C=	6030.7977

Frequencies from A. P. Cox and J. M. Riveros, 1965, J. Chem. Phys. **42**, 3106; M. E. Ott, M. B. Craddock and K. R. Leopold, 2005, J. Mol. Spec. 229(2), 286-289; and B. J. Drouin *et. al*, J. Mol. Spec. *accepted Dec. 2005* are fit. Nitrogen quadrupole coupling has been ignored. The dipole moment was taken from the remeasurements report by Cox for the main isotopomer and rotated into the inertial frame of the isotopologue. The vibrational partitioning has been ignored in the catalog prediction.