

Species Tag:	36003	Name:	HOF
Version:	1		Hypofluorous acid
Date:	Oct. 2010		
Contributor:	B. J. Drouin		

Lines Listed:	1270	Q(300.0)=	1365.8391
Freq. (GHz) <	5000	Q(225.0)=	899.3240
Max. J:	30	Q(150.0)=	491.8250
LOGSTR0=	-8.0	Q(75.00)=	174.2723
LOGSTR1=	-8.0	Q(37.50)=	61.9266
Isotope Corr.:	-0.122	Q(18.75)=	22.1932
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	8.5957
$\mu_a$ =	0.37	A=	585631.516
$\mu_b$ =	2.20	B=	26760.413
$\mu_c$ =		C=	25510.101

The experimental measurements were reported by Kim and Pearson, J. Chem. Phys. 57(10), 4230-4233, 1972 and Kim et al. J. Chem. Phys. 56(1), 1-3, 1972.

The dipole moment was measured by S. L. Rock et al. J. Chem. Phys. 59(8), 1973.