

Species Tag:	48012	Name:	HFCO
Version:	1		gs & ν_5
Date:	Apr. 2011		
Contributor:	B. J. Drouin		
	E. A. Cohen		
Lines Listed:	16616	Q(300.0)=	8668.5641
Freq. (GHz) <	3000	Q(225.0)=	5481.1598
Max. J:	84	Q(150.0)=	2945.5399
LOGSTR0=	-9.0	Q(75.00)=	1040.1278
LOGSTR1=	-7.0	Q(37.50)=	368.4459
Isotope Corr.:	-0.0	Q(18.75)=	130.8274
Egy. (cm^{-1}) >	0.0/662.6	Q(9.375)=	46.6671
μ_a =	0.5859	A=	91156.5410/ 91847.9746
μ_b =	1.9970	B=	11760.15624/11746.88510
μ_c =	0.0	C=	10396.76463/10365.68619

The data were taken from: Y.J. Xu, J.W.C. Johns, A.R.W. McKellar, J. Mol. Spec. 168(1), 147-157, 1994.

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P. Favero, A.M. Mirri, J.G. Baker, J. Chem. Phys. 31, 566-567, 1959.

S.L. Rock, J.K. Hancock, W.H. Flygare, J. Chem. Phys., 54(8), 3450-3463, 1971.

E.A. Cohen, B.J. Drouin, J. Mol. Spec. 10.1016/j.jms.2011.02.010.

The dipole moment is from M. Wong. J.W.C. Johns, A.R.W. McKellar, J. Mol. Spec. 94(1), 79-94, 1982.

The partitioning includes only the ν_5 vibration.