

Species Tag:	47004	Name:	HCOOD
Version:	2		Formic acid,
Date:	March 2008		deuterium isotope
Contributor:	B. J. Drouin		on O atom
Lines Listed:	18903	Q(300.0)=	9973.1253
Freq. (GHz) <	1900	Q(225.0)=	6475.9049
Max. J:	90	Q(150.0)=	3524.6610
LOGSTR0=	-8.9	Q(75.00)=	1246.9077
LOGSTR1=	-7.0	Q(37.50)=	441.6874
Isotope Corr.:	-3.824	Q(18.75)=	156.8109
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	55.9160
$\mu_a$ =	1.396	A=	66100.14
$\mu_b$ =	0.260	B=	11762.577
$\mu_c$ =		C=	9969.943

The measurements were taken from J. Bellet, A. Deldalle, C. Samson, G. Steenbeckeliers, and R. Wertheimer, 1971, *J. Mol. Struc.* **9**, 65, and R. G. Lerner, B. P. Dailey, and J. P. Friend, 1957, *J. Chem. Phys.* **26**, 680. Submillimeter lines were measured by Lattanzi *et al.* *Ap. J. Supp. in press* 2008. The dipole moment was assumed to be the same as for the parent species.