

Species Tag:	19002	Name:	HDO
Version:	3		Water,
Date:	Oct. 1989		singly deuterated
Contributor:	H. M. Pickett		

Lines Listed:	1401	Q(300.0)=	146.859
Freq. (GHz) <	9995	Q(225.0)=	95.565
Max. J:	17	Q(150.0)=	52.300
LOGSTR0=	-12.8	Q(75.00)=	18.850
LOGSTR1=	-11.3	Q(37.50)=	6.952
Isotope Corr.:	-3.523	Q(18.75)=	2.711
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	1.334
$\mu_a$ =	0.657	A=	701931.5
$\mu_b$ =	1.732	B=	272912.6
$\mu_c$ =	0.	C=	192055.2

The far-infrared lines used in this fit are from J. W. C. Johns, 1985, J. Opt. Soc. Am. B Opt. Phys. **2**, 1340. Microwave lines are from J. K. Messer *et al.*, 1984, J. Mol. Spect. **105**, 139.