

Species Tag:	39004	Name:	DCl-37
Version:	1		Hydrochloric acid,
Date:	Dec. 1990		deuterium <sup>37</sup> Cl
Contributor:	H. M. Pickett		isotope
Lines Listed:	228	Q(300.0)=	156.783
Freq. (GHz) <	8382	Q(225.0)=	117.869
Max. J:	29	Q(150.0)=	78.995
LOGSTR0=	-9.6	Q(75.00)=	40.161
LOGSTR1=	-12.4	Q(37.50)=	20.787
Isotope Corr.:	-4.4350	Q(18.75)=	11.151
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	6.448
$\mu_a$ =	1.1033	A=	
$\mu_b$ =		B=	161183.122
$\mu_c$ =		C=	

The experimental frequency measurements and dipole moment were reported by F. C. De Lucia, P. Helminger, and W. Gordy, 1971, Phys. Rev. A **3**, 1849.