

Species Tag:	37001	Name:	DCl
Version:	2		Hydrochloric acid,
Date:	Sept. 2011		deuterium isotope
Contributor:	B.J. Drouin		

Lines Listed:	254	Q(300.0)=	156.3254
Freq. (GHz) <	8405	Q(225.0)=	117.5227
Max. J:	60	Q(150.0)=	78.7616
LOGSTR0=	-10.0	Q(75.00)=	40.0492
LOGSTR1=	-10.0	Q(37.50)=	20.7298
Isotope Corr.:	-3.9460	Q(18.75)=	11.1217
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	6.4341
μ_a =	1.1033	A=	
μ_b =		B=	163356.2555
μ_c =		C=	

The experimental frequency measurements and dipole moment were reported by De Natale et al., J. Mol. Spec. 152, 55-61, 1992.