

Species Tag:	104001	Name:	Cl-37-OOCl
Version:	1		Chlorine peroxide
Date:	Aug. 1990		(ClO dimer)
Contributor:	E. A. Cohen		$^{37}\text{Cl}^{16}\text{O}^{35}\text{Cl}$
Lines Listed:	17482	Q(300.0)=	439238.281
Freq. (GHz) <	1000	Q(225.0)=	285233.281
Max. J:	99	Q(150.0)=	155417.594
LOGSTR0=	-7.0	Q(75.00)=	54928.781
LOGSTR1=	-7.0	Q(37.50)=	19408.863
Isotope Corr.:	-0.432	Q(18.75)=	6865.939
Egy. (cm^{-1}) >	0.8	Q(9.375)=	2431.083
μ_a =		A=	13013.07
μ_b =	0.72	B=	2349.01
μ_c =		C=	2089.29

The data were reported by M. Birk *et al.*, 1989, J. Chem. Phys. **91**, 6598. The dipole moment is based on unpublished measurements by M. Birk, R. R. Friedl, and E. A. Cohen.