

Species Tag:	76008	Name:	KCl-37
Version:	1		Potassium chloride,
Date:	Feb. 1995		³⁷ Cl isotope
Contributor:	M. L. Delitsky		
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Lines Listed:	99	Q(300.0)=	1673.9444
Freq. (GHz) <	727.608	Q(225.0)=	1257.6038
Max. J:	99	Q(150.0)=	838.2397
LOGSTR0=	-10.0	Q(75.00)=	418.9994
LOGSTR1=	-100.0	Q(37.50)=	209.5943
Isotope Corr.:	-0.611	Q(18.75)=	104.9462
Egy. (cm ⁻¹) >	0	Q(9.375)=	52.6362
μ_a =	10.30	A=	
μ_b =		B=	3735.251
μ_c =		C=	

The observed laboratory frequency measurements were taken from P. L. Clouser and W. Gordy, 1964, Phys. Rev. **134**, A863.

The dipole moment is taken from K. H. Hellwege, Ed., 1974, Landolt-Börnstein, Numerical Data and Functional Relationships in Science and Technology, Group II., Vol. 6, Molecular Constants, Springer-Verlag, Heidelberg.

This calculation does not include the hyperfine splittings for the chlorine and potassium atoms.