

Species Tag:	74001	Name:	KCl
Version:	1		Potassium chloride,
Date:	Feb. 1995		³⁵ Cl isotope
Contributor:	M. L. Delitsky		
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Lines Listed:	99	Q(300.0)=	1627.0645
Freq. (GHz) <	748.53	Q(225.0)=	1221.9565
Max. J:	99	Q(150.0)=	814.4216
LOGSTR0=	-10.0	Q(75.00)=	407.0976
LOGSTR1=	-100.0	Q(37.50)=	203.6454
Isotope Corr.:	-0.122	Q(18.75)=	101.9723
Egy. (cm ⁻¹) >	0	Q(9.375)=	51.1494
μ_a =	10.30	A=	
μ_b =		B=	3844.544
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.