

Species Tag:	56004	Name:	C2H5CN-15
Version:	1		Ethyl cyanide,
Date:	Jan. 1980		¹⁵ N isotope
Contributor:	R. L. Poynter		

Lines Listed:	1621	Q(300.0)=	38459.180
Freq. (GHz) <	1077	Q(225.0)=	24980.445
Max. J:	20	Q(150.0)=	13598.785
LOGSTR0=	-8.7	Q(75.00)=	3966.433
LOGSTR1=	-7.7	Q(37.50)=	1542.411
Isotope Corr.:	-2.432	Q(18.75)=	598.136
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	213.895
μ_a =	3.84	A=	27541.953
μ_b =	1.37	B=	4574.771
μ_c =		C=	4119.430

The experimental measurements were analyzed using the methods described in W. H. Kirchhoff, 1972, J. Mol. Spect. **41**, 333. The measurements were taken from H. M. Heise, H. Mäder, and H. Dreizler, 1976, Z. Naturforsch. **31a**, 1228. The dipole is an approximate value.