

Species Tag:	45003	Name:	NH2CHO
Version:	2		Formamide
Date:	Jan. 1981		
Contributor:	R. L. Poynter		

Lines Listed:	3476	Q(300.0)=	29154.139
Freq. (GHz) <	1931	Q(225.0)=	18479.908
Max. J:	29	Q(150.0)=	10313.357
LOGSTR0=	-9.0	Q(75.00)=	3633.290
LOGSTR1=	-8.1	Q(37.50)=	1293.302
Isotope Corr.:	0.	Q(18.75)=	459.198
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	163.719
μ_a =	3.616	A=	72716.954
μ_b =	0.852	B=	11373.453
μ_c =		C=	9833.903

The experimental measurements were analyzed using the methods described in W. H. Kirchhoff, 1972, *J. Mol. Spect.* **41**, 333. The measurements were taken from: C. C. Costain and J. M. Dowling, 1960, *J. Chem. Phys.* **32**, 290. D. R. Johnson, F. J. Lovas, and W. H. Kirchhoff, 1972, *J. Phys. Chem. Ref. Data* **1**, 1011. W. H. Kirchhoff and D. R. Johnson, 1973, *J. Mol. Spect.* **45**, 159. S. G. Kukolich and A. C. Nelson, 1971, *Chem. Phys. Lett.* **11**, 383. R. J. Kurland and E. B. Wilson, Jr., 1957, *J. Chem. Phys.* **27**, 585.

The dipole moment was reported in the paper by Kurland and Wilson.