

Species Tag:	33003	Name:	SH
Version:	1		$nu=0,1$
Date:	Jan. 1997		$^2\Pi_i$ State
Contributor:	J. C. Pearson		
Lines Listed:	646	Q(300.0)=	113.4337
Freq. (GHz) <	9999	Q(225.0)=	81.9754
Max. J:	21	Q(150.0)=	54.3911
LOGSTR0=	-14.0	Q(75.00)=	30.9151
LOGSTR1=	-12.0	Q(37.50)=	20.5682
Isotope Corr.:	-0.022	Q(18.75)=	16.7001
Egy. (cm^{-1}) >	0.0	Q(9.375)=	16.0151
$\mu_a =$	0.7580	A=	
$\mu_b =$		B=	283587.6
$\mu_c =$		C=	

The data were taken from: E. Klisch, Th. Klaus, S. P. Belov, A. Dolgner, R. Schieder, G. Winnewisser and E. Herbst, 1996, *Astrophys. J.* **473**, 1118, I. Morino and K. Kawaguchi, 1995, *J. Mol. Spectrosc.* **170**, 172, W. L. Meerts and A. Dymanus, 1974, *Astrophys. J.* **187**, L45, W. L. Meerts and A. Dymanus, 1975, *Can J. Phys.* **53**, 2123, P. F. Bernath, T. Amano and M. Wong, 1983, *J. Mol. Spectrosc.* **98**, 20, J. R. Winkel, Jr. and S. P. Davis, 1984, *Can J. Phys.* **62**, 1420, and R. S. Ram, P. F. Bernath, R. Engleman, Jr. and J. W. Brault, 1995, *J. Mol. Spectrosc.* **172**, 34. The ground state A value was fixed to the electronic value of S. H. Ashworth and J. M. Brown, 1992, *J. Mol. Spectrosc.* **153**, 41.

The dipole moment is from W. L. Meerts and A. Dymanus, 1975, *Can J. Phys.* **53**, 2123. The ground state dipole was assumed for the $nu=1$ state.