

Species Tag: 96002  
Version: 1  
Date: Feb. 2007  
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Name: S3  
Thiozone

Lines Listed:	12039	Q(300.0)=	31671.241
Freq. (GHz) <	2000	Q(225.0)=	20864.012
Max. J:	100	Q(150.0)=	11398.139
LOGSTR0=	-10.0	Q(75.00)=	4027.956
LOGSTR1=	-10.0	Q(37.50)=	1424.130
Isotope Corr.:	-0.0	Q(18.75)=	503.935
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	178.544
$\mu_a$ =	0.000	A=	23972.581
$\mu_b$ =	0.51	B=	2948.547
$\mu_c$ =		C=	2622.291

The calculation is based on pure rotational data from Thorwirth *et al.*, 2005, J. Chem. Phys. **123**, 054326. The dipole moment is calculated from theory.