

Species Tag:	31009	Name:	15-NO
Version:	2		Nitric oxide,
Date:	Oct. 2010		X $^2\Pi$ states
Contributor:	B. J. Drouin		N-15 isotope

Lines Listed:	4912	Q(300.0)=	801.0261
Freq. (GHz) <	9986	Q(225.0)=	564.2620
Max. J:	71	Q(150.0)=	339.9899
LOGSTR0=	-19.8	Q(75.00)=	144.7212
LOGSTR1=	-21.5	Q(37.50)=	68.5893
Isotope Corr.:	0.	Q(18.75)=	35.7828
Egy. (cm^{-1}) >	0.0	Q(9.375)=	19.7950
μ_a =	0.15872	A=	3691865.8472
μ_b =		B=	49050.841481
μ_c =		C=	

The radio frequency lines are from W. L. Meerts and A. Dymanus, 1972, J. Mol. Spect. **44**, 320. The submillimeter lines were measured Varberg et al. Journal of Molecular Spectroscopy 196, 5-13 (1999). One transition from Meerts and Dymanus was removed from the analysis due to a 10 sigma residual.