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|--------------|-----------------|-------|----------------------|
| Species Tag: | 33001 | Name: | HO2 |
| Version: | 3 | | Hydroperoxyl radical |
| Date: | Mar. 1996 | | X ² A'' |
| Contributor: | H. S. P. Müller | | |

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|----------------------------|-------|-----------|-----------|
| Lines Listed: | 21954 | Q(300.0)= | 4375.7031 |
| Freq. (GHz) < | 9999 | Q(225.0)= | 2841.7306 |
| Max. J: | 41 | Q(150.0)= | 1547.2823 |
| LOGSTR0= | -7.5 | Q(75.00)= | 548.4641 |
| LOGSTR1= | -8.5 | Q(37.50)= | 195.1806 |
| Isotope Corr.: | 0 | Q(18.75)= | 70.2146 |
| Egy. (cm ⁻¹) > | 0.0 | Q(9.375)= | 27.5930 |
| μ_a = | 1.412 | A= | 610273. |
| μ_b = | 1.541 | B= | 33514. |
| μ_c = | | C= | 31672. |

The data were obtained from A. Charo and F. C. De Lucia, 1982, J. Mol. Spect. **94**, 426; Y. Beers and C. J. Howard, 1975, J. Chem. Phys. **63**, 4121; S. Saito, 1977, J. Mol. Spect. **65**, 229; K. V. Chance, K. Park, K. M. Evenson, L. R. Zink, and F. Stroh, 1995, J. Mol. Spect. **172**, 407; and FIR lines from A. von Bargaen, M. Birk, and G. Wagner, DLR, to be published. The spectrum was computed using a full diagonalization of the spin-rotation Hamiltonian.