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|-----------------------------|---------------|-----------|-------------------------|
| Species Tag: | 53005 | Name: | CCC-13-O |
| Version: | 1 | | Tricarbon monoxide, |
| Date: | Jan. 1990 | | X $^1\Sigma^+$, |
| Contributor: | R. L. Poynter | | ^{13}C isotope |
| | | | on carbon atom 1 |
| Lines Listed: | 99 | Q(300.0)= | 1303.703 |
| Freq. (GHz) < | 947 | Q(225.0)= | 977.762 |
| Max. J: | 99 | Q(150.0)= | 651.884 |
| LOGSTR0= | -5.6 | Q(75.00)= | 326.075 |
| LOGSTR1= | -3.7 | Q(37.50)= | 163.196 |
| Isotope Corr.: | -1.955 | Q(18.75)= | 81.763 |
| Egy. (cm^{-1}) > | 0.0 | Q(9.375)= | 41.049 |
| $\mu_a =$ | 2.391 | A= | |
| $\mu_b =$ | | B= | 4797.9956(34) |
| $\mu_c =$ | | C= | |

The line measurements were taken from R. D. Brown *et al.*, 1985, J. Am. Chem. Soc. **107**, 4112. The dipole moment was assumed to be the same as for the parent species.