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|--------------|--------------|-------|-------------------|
| Species Tag: | 47003 | Name: | DCOOH |
| Version: | 2 | | Formic acid, |
| Date: | March 2008 | | deuterium isotope |
| Contributor: | B. J. Drouin | | on C atom |

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|----------------------------|--------|-----------|------------|
| Lines Listed: | 21405 | Q(300.0)= | 10550.0628 |
| Freq. (GHz) < | 1900 | Q(225.0)= | 6850.5862 |
| Max. J: | 90 | Q(150.0)= | 3728.6193 |
| LOGSTR0= | -11.0 | Q(75.00)= | 1319.0705 |
| LOGSTR1= | -11.0 | Q(37.50)= | 467.2499 |
| Isotope Corr.: | -3.824 | Q(18.75)= | 165.8856 |
| Egy. (cm ⁻¹) > | 0.0 | Q(9.375)= | 59.1512 |
| μ_a = | 1.396 | A= | 57709.33 |
| μ_b = | 0.260 | B= | 12055.971 |
| μ_c = | | C= | 9955.609 |

The measurements were taken from J. Bellet, A. Deldalle, C. Samson, G. Steenbeckeliers, and R. Wertheimer, 1971, *J. Mol. Struc.* **9**, 65, and R. G. Lerner, B. P. Dailey, and J. P. Friend, 1957, *J. Chem. Phys.* **26**, 680. Submillimeter lines were measured by Lattanzi *et al.* *Ap. J. Supp. in press* 2008. The dipole moment was assumed to be the same as for the parent species.