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|--------------|---------------|-------|---------------------|
| Species Tag: | 44011 | Name: | AlOH |
| Version: | 1 | | Aluminum hydroxide, |
| Date: | Jan. 1996 | | X $^1\Sigma^+$ |
| Contributor: | J. C. Pearson | | |

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|----------------------------|-------|-----------|----------|
| Lines Listed: | 766 | Q(300.0)= | 2387.766 |
| Freq. (GHz) < | 2230 | Q(225.0)= | 1790.771 |
| Max. J: | 70 | Q(150.0)= | 1194.141 |
| LOGSTR0= | -8.0 | Q(75.00)= | 597.886 |
| LOGSTR1= | -8.0 | Q(37.50)= | 299.903 |
| Isotope Corr.: | 0.0 | Q(18.75)= | 150.952 |
| Egy. (cm ⁻¹) > | 0.0 | Q(9.375)= | 76.498 |
| μ_a = | 1.040 | A= | |
| μ_b = | | B= | 15740.3 |
| μ_c = | | C= | |

The experimental measurements were reported by A. J. Apponi, W. L. Barclay, Jr. and L. M. Ziurys, 1993, *Astrophys. J.* **414**, L129. The dipole moment has been calculated to be 1.040 Debye by G. Vacek, B. J. DeLeeuw and H. F. Schaefer, 1993, *J. Chem. Phys.* **98**, 8704.