	N	X_A	X_B	μ_r	d (A)	$\frac{k}{10^5} = aN\left(\frac{X_A X_B}{d^2}\right)^{3/4} + b$ (10^5 dyn/cm)	$\nu = 3{,}9059 \times 10^{13}\sqrt{\frac{k}{\mu_r}}$	$\overline{V} = 1307\sqrt{\frac{k}{\mu_r}}$ (cm^{-1})
O-H	1	3,44	2,2	0,9412	0,9600	8,4011	1,16696E+14	3904,8903
N-H	1	3,04	2,2	0,933	1,0100	7,1424	1,0805 E+14	3615,5835
C-H	1	2,55	2,2	0,9231	1,0900	5,6493	9,66274 E+13	3233,3660
C-C	1	2,55	2,55	6,0000	1,5400	3,8583	3,13217 E+13	1048,0920
C=C	2	2,55	2,55	6,0000	1,3400	9,0680	4,80176 E+13	1606,7756
C≡C	3	2,55	2,55	6,0000	1,2000	15,8194	6,34222 E+13	2122,2452
C≡N	3	2,55	3,04	6,4615	1,1580	19,9782	6,69392 E+13	2239,9340
C=O	2	2,55	3,44	6,8571	1,2200	12,93337	5,36427 E+13	1795,0041
N=N	2	3,04	3,04	7,0000	1,2500	12,9675	5,31619 E+13	1778,9148
C=N	2	2,55	3,04	6,4615	1,3520	10,1706	4,90033 E+13	1639,7590
C-N	1	2,55	3,04	6,4615	1,4750	4,6310	3,03667 E+13	1106,4844
C-O	1	2,55	3,44	6,8571	1,4300	5,2778	3,4267 E+13	1146,6476