

Appendix IV: Transitions of ν_1 of $C^{35}Cl^{37}Cl_2F$ (in cm^{-1}).

J'	K'_a	K'_c	J	K_a	K_c	$\tilde{\nu}_0^{exp}/cm^{-1}$	o-c	J'	K'_a	K'_c	J	K_a	K_c	$\tilde{\nu}_0^{exp}/cm^{-1}$	o-c
10	7	4	11	8	4	1078.1212	8	11	10	2	10	9	2	1081.6491	-6
10	6	4	11	7	4	1078.1212	1	11	11	0	10	10	0	1081.6631	-1
10	8	3	11	9	3	1078.1255	-12	11	11	1	10	10	1	1081.6631	-6
10	7	3	11	8	3	1078.1335	3	12	4	8	11	3	8	1081.7400	-4
10	9	1	11	10	1	1078.1335	-6	12	5	8	11	4	8	1081.7400	-4
7	4	4	8	5	4	1078.6049	-8	12	5	7	11	4	7	1081.7557	0
7	3	4	8	4	4	1078.6049	-8	12	6	7	11	5	7	1081.7557	0
11	9	3	12	10	3	1077.9627	-11	12	6	6	11	5	6	1081.7691	2
9	4	5	8	3	5	1081.3085	-7	12	7	6	11	6	6	1081.7691	2
9	5	5	8	4	5	1081.3085	-7	12	7	5	11	6	5	1081.7803	4
9	5	4	8	4	4	1081.3179	-2	12	8	5	11	7	5	1081.7803	4
9	6	4	8	5	4	1081.3179	-3	12	8	4	11	7	4	1081.7888	8
9	6	3	8	5	3	1081.3243	7	12	9	4	11	8	4	1081.7888	0
9	7	2	8	6	2	1081.3243	-2	12	10	3	11	9	3	1081.7968	-1
9	8	2	8	7	2	1081.3343	7	12	11	1	11	10	1	1081.8033	-15
9	9	0	8	8	0	1081.3431	-19	12	11	2	11	10	2	1081.8072	-4
10	3	7	9	2	7	1081.4427	7	12	12	0	11	11	0	1081.8218	-1
10	4	7	9	3	7	1081.4427	7	12	12	1	11	11	1	1081.8218	-3
10	4	6	9	3	6	1081.4569	17	13	4	9	12	3	9	1081.8792	-3
10	5	6	9	4	6	1081.4569	17	13	5	9	12	4	9	1081.8792	-3
10	5	5	9	4	5	1081.4669	5	13	5	8	12	4	8	1081.8965	-4
10	6	5	9	5	5	1081.4669	5	13	6	8	12	5	8	1081.8965	-4
10	6	4	9	5	4	1081.4753	2	13	6	7	12	5	7	1081.9120	-2
10	7	4	9	6	4	1081.4753	0	13	7	7	12	6	7	1081.9120	-2
10	10	0	9	9	0	1081.5039	-4	13	7	6	12	6	6	1081.9254	0
10	10	1	9	9	1	1081.5039	-11	13	8	6	12	7	6	1081.9254	0
11	3	8	10	2	8	1081.5835	-1	13	9	4	12	8	4	1081.9449	10
11	4	8	10	3	8	1081.5835	-1	13	10	4	12	9	4	1081.9449	-2
11	4	7	10	3	7	1081.5996	6	13	11	2	12	10	2	1081.9494	-7
11	5	7	10	4	7	1081.5996	6	13	11	3	12	10	3	1081.9535	-2
11	5	6	10	4	6	1081.6130	8	13	12	1	12	11	1	1081.9618	-13
11	6	6	10	5	6	1081.6130	8	13	12	2	12	11	2	1081.9649	-3
11	6	5	10	5	5	1081.6240	7	14	2	12	13	1	12	1081.9692	-16
11	7	5	10	6	5	1081.6240	7	14	3	12	13	2	12	1081.9692	-16
11	8	4	10	7	4	1081.6326	4	13	13	0	12	12	0	1081.9805	3
11	10	1	10	9	1	1081.6454	-11	13	13	1	12	12	1	1081.9805	1

o-c (observed minus calculated) is in $10^{-4} cm^{-1}$

Continued (1) Appendix IV: Transitions of ν_1 of $C^{35}Cl^{37}Cl_2F$ (in cm^{-1}).

J'	K'_a	K'_c	J	K_a	K_c	$\tilde{\nu}_0^{exp}/cm^{-1}$	o-c	J'	K'_a	K'_c	J	K_a	K_c	$\tilde{\nu}_0^{exp}/cm^{-1}$	o-c
14	5	9	13	4	9	1082.0355	-2	16	15	1	15	14	1	1082.4373	11
14	6	9	13	5	9	1082.0355	-2	16	15	2	15	14	2	1082.4373	2
14	6	8	13	5	8	1082.0532	1	16	16	0	15	15	0	1082.4544	10
14	7	8	13	6	8	1082.0532	1	16	16	1	15	15	1	1082.4544	10
14	7	7	13	6	7	1082.0688	4	17	6	11	16	5	11	1082.4605	-14
14	8	7	13	7	7	1082.0688	4	17	7	11	16	6	11	1082.4605	-14
14	8	6	13	7	6	1082.0812	-3	17	9	8	16	8	8	1082.5193	-9
14	9	6	13	8	6	1082.0812	-3	17	10	8	16	9	8	1082.5193	-9
14	12	2	13	11	2	1082.1057	-9	17	10	7	16	9	7	1082.5356	2
14	12	3	13	11	3	1082.1105	1	17	11	7	16	10	7	1082.5356	2
14	13	1	13	12	1	1082.1201	-10	17	11	6	16	10	6	1082.5488	6
14	13	2	13	12	2	1082.1226	-1	17	12	6	16	11	6	1082.5488	6
14	14	0	13	13	0	1082.1392	10	17	12	5	16	11	5	1082.5590	10
14	14	1	13	13	1	1082.1392	9	17	13	5	16	12	5	1082.5590	2
15	7	8	14	6	8	1082.2092	1	17	14	3	16	13	3	1082.5653	-7
15	8	8	14	7	8	1082.2092	1	19	9	10	18	8	10	1082.7927	-10
15	9	6	14	8	6	1082.2381	7	19	10	10	18	9	10	1082.7927	-10
15	10	6	14	9	6	1082.2381	7	19	10	9	18	9	9	1082.8127	-4
15	10	5	14	9	5	1082.2487	9	19	11	9	18	10	9	1082.8127	-4
15	11	5	14	10	5	1082.2487	6	19	11	8	18	10	8	1082.8293	-10
15	14	1	14	13	1	1082.2792	4	19	12	8	18	11	8	1082.8293	-10
15	14	2	14	13	2	1082.2792	-8	19	12	7	18	11	7	1082.8445	-8
15	15	0	14	14	0	1082.2955	-5	19	13	7	18	12	7	1082.8445	-8
15	15	1	14	14	1	1082.2955	-5	19	13	6	18	12	6	1082.8571	-7
16	7	9	15	6	9	1082.3472	-2	19	14	6	18	13	6	1082.8571	-8
16	8	9	15	7	9	1082.3472	-2	19	14	5	18	13	5	1082.8663	-5
16	8	8	15	7	8	1082.3649	1	19	19	0	18	18	0	1082.9243	3
16	9	8	15	8	8	1082.3649	1	19	19	1	18	18	1	1082.9243	3
16	9	7	15	8	7	1082.3802	2	20	9	11	19	8	11	1082.9273	4
16	10	7	15	9	7	1082.3802	2	20	10	11	19	9	11	1082.9273	4
16	10	6	15	9	6	1082.3932	3	20	11	9	19	10	9	1082.9685	8
16	11	6	15	10	6	1082.3932	3	20	12	9	19	11	9	1082.9685	8
16	11	5	15	10	5	1082.4038	7	20	14	6	19	13	6	1083.0118	-3
16	12	5	15	11	5	1082.4038	2	20	15	6	19	14	6	1083.0118	-6
16	12	4	15	11	4	1082.4097	9	20	16	4	19	15	4	1083.0231	-10
16	13	3	15	12	3	1082.4097	-14	20	17	4	19	16	4	1083.0335	-4

o-c (observed minus calculated) is in $10^{-4} cm^{-1}$