

Molecule	Name	Transition	Frequency	$E_u$	Intensity	Velocity	$V_{lsr}$	Peak / rms
$cis - CH_2OHCHO v=0$	Glycolaldehyde	$7_{6,2} - 6_{4,3}$	334.05821	37.4116	45.0294	6.5106	8.0	50.0827
$CH_3OCHO v=0$	Methyl Formate	$15_{6,10} - 14_{5,9}A$	334.10909	94.8964	17.0495	9.9217	8.0	18.9629
$CH_3NH_2$	Methylamine	$17_2E1 + 1 - 17_1E1 - 1$	334.13094	342.265	10.4351	14.8478	8.0	11.6061
$^{33}SO_2$	Sulfur Dioxide	$36_{11,25} - 37_{10,28}, F = 69/2 - 71/2$	334.14626	915.5991	-0.6228	8.9463	8.0	-1.4553
$t - CH_2CHCHO$	Propenal	$9_{3,7} - 9_{1,8}$	334.20301	37.7617	3.1656	6.2555	8.0	3.5209
$CH_3NH_2$	Methylamine	$8_5B1 - 9_4B2$	334.20979	174.0493	3.9923	8.9327	8.0	4.4404
$(CH_3)_2CO v=0$	Acetone	$13_{11,3} - 12_{8,4}AA$	334.21979	80.4654	-0.4388	7.6194	8.0	-1.0253
$CH_3OCHO v=0$	Methyl Formate	$29_{5,24} - 28_{6,23}A$	334.23598	282.1007	3.9697	1.2063	8.0	4.4152
$^{13}CH_3OH v t=0$	Methanol	$3_{2,1} - 2_{0,2}$	334.25221	35.9468	3.4457	9.4204	8.0	3.8324
$CP$	Carbon Monophosphide	$N = 7 - 6, J = 15/2 - 13/2, F = 8 - 7$	334.26182	64.2111	45.3174	11.3104	8.0	50.4031
$CH_3OCHO v=0$	Methyl Formate	$15_{6,9} - 14_{5,9}E$	334.28144	94.9147	13.9904	12.98	8.0	15.5604
$g'Ga - (CH_2OH)_2$	Ethylene Glycol	$15_{9,7} v = 1 - 14_{8,7} v = 0$	334.30955	99.0907	4.2402	7.0359	8.0	4.7161
$CH_3OH v t=1$	Methanol	$21_{5,16} - 22_{4,19}$	334.32728	964.3871	6.4237	12.1515	8.0	7.1446
$s - H_2CCHOH$	Vinyl Alcohol	$17_{4,13} - 16_{4,12}$	334.34291	182.2279	15.4923	6.892	8.0	17.2309
$CH_3COOH v=0$	Acetic Acid	$30_{*,29} - 29_{*,28} v = 0$	334.37851	259.444	4.3631	-4.0152	8.0	4.8527
$g'Ga - (CH_2OH)_2$	Ethylene Glycol	$24_{6,19} v = 0 - 23_{5,18} v = 0$	334.41275	165.9969	45.6615	10.8101	8.0	50.7858
$CH_3OH v t=1$	Methanol	$3_{0,3} - 2_{1,2}$	334.42656	314.4694	52.4693	7.1835	8.0	58.3575
$g'Ga - (CH_2OH)_2$	Ethylene Glycol	$13_{10,4} v = 1 - 12_{9,4} v = 0$	334.46125	94.1713	44.2048	-2.9053	8.0	49.1656
$(CH_3)_2CO v=0$	Acetone	$13_{11,2} - 12_{8,4}EE$	334.58973	80.5543	8.5715	-10.7174	8.0	9.5334
$t - CH_3CH_2OH$	trans-Ethanol	$24_{7,17} - 24_{6,18}$	334.60263	313.8344	12.3572	5.1576	8.0	13.7439
$CH_3OH v t=1$	Methanol	$22_{3,20} - 22_{2,21}$	334.63249	1001.3148	13.0942	11.6487	8.0	14.5637
$CH_3OH v t=1$	Methanol	$25_{-3,22} - 24_{-2,22}$	334.67771	1073.8453	21.2092	-0.8691	8.0	23.5894
$CH_3NH_2$	Methylamine	$2_2A2 - 1_1A1, F = 2 - 1$	334.71119	22.5092	0.0	0.0	8.0	0.0
$CH_3NH_2$	Methylamine	$2_2A2 - 1_1A1, F = 2 - 2$	334.71174	22.5092	0.0	0.0	8.0	0.0
$CH_3NH_2$	Methylamine	$2_2A2 - 1_1A1$	334.71225	22.5093	23.4786	3.1788	8.0	26.1134
$CH_3NH_2$	Methylamine	$2_2A2 - 1_1A1, F = 1 - 1$	334.7124	22.5093	0.0	0.0	8.0	0.0
$CH_3NH_2$	Methylamine	$2_2A2 - 1_1A1, F = 3 - 2$	334.71251	22.5093	0.0	0.0	8.0	0.0
$CH_3NH_2$	Methylamine	$2_2A2 - 1_1A1, F = 1 - 0$	334.71377	22.5093	0.0	0.0	8.0	0.0
$CCO$	Oxoethylenide	$N = 14 - 13, J = 14 - 14$	334.75876	116.8058	12.7521	-3.4945	8.0	14.1832
$(CH_3)_2CO v=0$	Acetone	$12_{8,4} - 11_{5,7}AE$	334.76545	64.565	20.6655	11.5016	8.0	22.9846
$HOCO+$	Protonated Carbon Dioxide	$19_{1,19} - 20_{0,20}$	334.78159	231.5354	0.0959	7.2491	8.0	0.2241
$(CH_3)_2CO v=0$	Acetone	$21_{13,9} - 20_{12,8}EA$	334.79756	186.8541	11.0979	10.7281	8.0	12.3434
$CH_3NH_2$	Methylamine	$20_3B1 - 19_4B2$	334.81231	482.4697	13.6576	4.5153	8.0	15.1903
$(CH_3)_2CO v=0$	Acetone	$13_{11,2} - 12_{8,4}EA$	334.86228	80.6413	28.7854	-3.5054	8.0	32.0158
$(CH_3)_2CO v=0$	Acetone	$12_{8,4} - 11_{5,7}EA$	334.8783	64.5704	55.5111	1.3852	8.0	61.7407
$(CH_3)_2CO v=0$	Acetone	$14_{11,4} - 13_{8,5}EE$	334.88886	90.3851	67.9959	19.9035	8.0	75.6266

Molecule	Name	Transition	Frequency	$E_u$	Intensity	Velocity	$V_{lsr}$	Peak / rms
$CH_3CHO v=0$	Acetaldehyde	$17_{2,15} - 16_{2,14} A + +$	334.93139	152.6118	43.1424	6.3067	8.0	47.9839
$H_2^{13}CS$	Thioformaldehyde	$10_{1,9} - 9_{1,8}$	334.94932	101.6033	7.7273	9.4859	8.0	8.5944
$(CH_3)_2CO v=0$	Acetone	$12_{8,4} - 11_{5,7} EE$	334.99117	64.4966	13.4849	-0.0038	8.0	14.9982
$g'Ga - (CH_2OH)_2$	Ethylene Glycol	$41_{17,24} v = 0 - 41_{16,25} v = 0$	335.07602	565.0077	0.462	10.367	8.0	1.0795
$c - H_{13}CCCH$	Cyclopropenylidene	$5_{3,2} - 5_{0,5}$	335.08781	43.7198	83.5866	13.1283	8.0	92.9669
$CH_3OH vt = 0$	Methanol	$2_{2,1} - 3_{1,2} - -$	335.13369	44.6721	77.7538	7.0251	8.0	86.4796
$CH_3OCHOH v=0$	Methyl Formate	$28_{4,24} - 27_{5,23} A$	335.18332	257.0799	2.4819	9.7965	8.0	2.7604
$g - CH_3CH_2OH$	gauche-Ethanol	$32_{6,27} - 32_{5,27}, vt = 1 - 0$	335.2683	545.844	7.8166	7.151	8.0	8.6938
$CH_3CH_2CN v=0$	Ethyl Cyanide	$55_{8,48} - 55_{7,49}$	335.27492	733.8889	7.8166	8.2166	8.0	8.6938
$HDO$	Water	$3_{3,1} - 4_{2,2}$	335.3955	335.2672	46.6299	-58.3771	8.0	51.8628
$HOCH$	Cyanic acid	$16_{2,14} - 15_{2,13}$	335.47103	265.334	3.6165	14.814	8.0	4.0224
$g - CH_3CH_2OH$	gauche-Ethanol	$9_{4,5} - 8_{3,6}, vt = 1 - 1$	335.48609	118.6556	39.5665	1.356	8.0	44.0067
$NHD_2$	Ammonia	$1_{1,1} 0s - 0_{0,0} 0s$	335.51385	16.102	47.0375	68.9121	8.0	52.3161
$CH_3OH vt = 0$	Methanol	$7_{1,7} - 6_{1,6} + +$	335.58202	78.9709	56.2576	-11.484	8.0	62.571
$CH_3COOH v=0$	Acetic Acid	$15_{-15,0} - 14_{-14,0} v = 0$	335.60436	128.6181	10.8442	-12.7636	8.0	12.0612
$t - CH_3CH_2OH$	trans-Ethanol	$23_{7,17} - 23_{6,18}$	335.63059	293.607	17.1709	8.6112	8.0	19.0979
$cis - CH_2OHCHO v=0$	Glycolaldehyde	$21_{7,14} - 21_{4,17}$	335.64676	158.7973	39.0976	3.8067	8.0	43.4853
$(CH_3)_2CO v=0$	Acetone	$12_{11,1} - 11_{8,4} EE$	335.67518	71.4144	24.4019	8.8142	8.0	27.1404
$cis - CH_2OHCHO v=0$	Glycolaldehyde	$68_{15,54} - 68_{14,55}$	335.69367	1456.6243	-0.829	8.4429	8.0	-1.9371
$H_2NCH_2CN$	Aminoacetonitrile	$21_{3,18} - 20_{2,19}$	335.69558	112.127	-0.829	6.7331	8.0	-1.9371
$CH_3OH vt = 0$	Methanol	$25_{8,17} - 26_{7,20} + +$	335.7015	1073.9686	0.0	0.0	8.0	0.0
$t - H_{13}COOH$	Formic Acid	$6_{3,3} - 7_{1,6}$	335.71489	50.4224	13.3501	-0.5284	8.0	14.8482
$CH_3NH_2$	Methylamine	$14_1 E1 - 1 - 13_2 E1 - 1$	335.74509	225.3446	12.4894	4.6287	8.0	13.8909
$CH_3COOH v=0$	Acetic Acid	$13_{11,2} - 12_{9,3} - - v = 0$	335.77985	89.7941	15.7797	3.9964	8.0	17.5506
$(CH_3)_2CO v=0$	Acetone	$32_{2,30} - 31_{3,29} EA$	335.80289	281.4994	0.0	0.0	8.0	0.0
$(CH_3)_2CO v=0$	Acetone	$32_{2,30} - 31_{2,29} AE$	335.80291	281.4994	11.5028	1.213	8.0	12.7937
$H_2C_{18}O$	Formaldehyde	$5_{1,5} - 4_{1,4}$	335.81594	60.2335	31.1124	7.7668	8.0	34.6039
$CH_3CH_2CN v=0$	Ethyl Cyanide	$10_{4,6} - 10_{1,9}$	335.84026	41.4386	16.3359	3.3581	8.0	18.1692
$t - CH_2CHCHO$	Propenal	$4_{4,1} - 3_{3,0}$	335.86615	37.2113	30.6761	9.7555	8.0	34.1186
$t - CH_2CHCHO$	Propenal	$4_{4,0} - 3_{3,1}$	335.86616	37.2113	0.0	0.0	8.0	0.0
$CH_3OCHOH v=0$	Methyl Formate	$27_{9,19} - 26_{9,17} E$	335.89969	277.8455	4.5668	11.5288	8.0	5.0793