

Table 2. Summary of line monitoring for spectral-line reference sources

Sources	l ($^{\circ}$)	b ($^{\circ}$)	N_spectra	V-Range (km s^{-1})	W_CO Range (K km s^{-1})	Mean W(CO) (K km s^{-1})	Dispersion (%) (K km s^{-1})	σ (V-shift) (km s^{-1})
L134N	4.229	35.782	11197	[-3, 7]	[5.26, 15.68]	10.62	1.20 (11.3%)	0.03
W51D	49.491	-0.369	20782	[40, 80]	[479.09, 707.50]	620.27	29.04 (4.7%)	0.09
DR21	81.682	0.540	184	[-40, 25]	[407.80, 513.28]	448.08	17.90 (4.0%)	--
Sh2-140	106.799	5.312	17097	[-40, 10]	[246.57, 401.18]	324.32	16.25 (5.0%)	0.11
W3(OH)	133.948	1.064	9496	[-60, -35]	[175.90, 238.28]	211.23	7.62 (3.6%)	0.23
NGC2264	203.316	2.055	21691	[-10, 25]	[169.84, 251.70]	214.01	9.73 (4.5%)	0.07