Table 1. HD 101412, phase 0.94: The adopted parameters are T_{eff}=8300 K, log g=3.8 (Cowley et al. 2010), vsini=9 km s^{-1}. The radial velocity correction is −10 km s^{-1}.

λ(obs)	Rc(obs)	Elem.	λ(lab)	log gf	χ_{low} (cm^{-1})	χ_{up} (cm^{-1})	Source[a]	Notes
10749.4	?	Si I	10749.378	−0.272	39760.285	49060.601	NIST4	with artifact
10757.95	0.945	N I	10757.887	−0.389	95532.150	104825.110	NIST4	
10811.15	0.91	Mg I	10811.053	+0.024	47957.045	57204.305	NIST4	
		Mg I	10811.076	−0.137	47957.027	57204.267	NIST4	
		Mg I	10811.097	−1.038	47957.045	57204.267	NIST4	
		Mg I	10811.122	−1.036	47957.027	57204.228	NIST4	
		Mg I	10811.158	−0.305	47957.058	57204.228	NIST4	
10827.1		Si I	10827.089	+0.239	39955.053	49188.617	NIST4	on He I emission wing
10832.7	0.80	He I	10829.091	−0.745	159855.974	169087.831	NIST4	shell line
		He I	10830.250	−0.268	159855.974	169086.043	NIST4	shell line
		He I	10830.340	−0.046	159855.974	169086.766	NIST4	shell line
10844.25	0.92	Si I	10843.858	+0.220	47284.061	56053.346	NIST4	
10869.6	0.92	Si I	10869.536	+0.286	40991.884	50189.389	NIST4	
10885.4	0.97	Si I	10885.330	−0.100	49850.830	59034.988	MB99	
10914.6	0.89	Mg II	10914.244	+0.038	71490.190	80650.020	NIST4	
10915.3	0.90	Sr II	10914.887	−0.638	14555.900	23715.190	WA	
		Mg II	10915.284	−0.918	71491.063	80650.020	NIST4	
10938.6:	0.96:	H I	10938.086	+0.002	9742.304	109250.343	NIST4	emissions
10951.8	0.89	Mg II	10951.778	−0.219	71491.063	80619.500	NIST4	
10979.4	0.96	Si I	10979.308	−0.562	39955.053	49060.601	NIST4	
10982.1	0.92:	Si I	10982.058	−0.270	49933.775	59037.043	MB99	blend telluric
11017.65	0.79:	?						blend telluric
11018.0	0.80:	Si I	11017.966	+0.760	50054.800	59128.400	K07Si	blend telluric
15727.55:	0.96	C I	15727.376	−0.682	77679.831	84036.327	NIST4	blend telluric
15740.7	0.975	Mg I	15740.716	−0.212	47841.119	54192.335	NIST4	
15749.1	0.96	Mg I	15748.886	−0.338	47844.414	54192.335	NIST4	
		Mg I	15748.998	+0.140	47844.414	54192.294	NIST4	
15765.8:	0.945	Mg I	15765.645	−1.514	47851.162	54192.335	NIST4	
		Mg I	15765.747	−0.337	47851.162	54192.294	NIST4	
		Mg I	15765.842	+0.411	47851.162	54192.256	NIST4	
15769.6:	0.97:	Fe I	15769.423	+0.700	44677.003	51016.657	K07	blend telluric
15818.2::	0.99	Fe I	15818.142	+0.576	45061.326	51381.454	K07	
15822.9::	0.99	Fe I	15822.817	+0.181	45509.149	51827.410	K07	
15833.6:	0.99	Si I	15833.602	−0.450	50189.389	56503.346	MB99	
15852.85	0.935	C I	15852.576	−0.258	77679.820	83986.220	NIST4	

[a] MB99: Meléndez & Barbuy, 1999, ApJS 124, 527
NIST4: http://www.nist.gov/pml/data/asd.cfm
K07Si: http://kurucz.cfa.harvard.edu/atoms/1400/gf1400.pos
WA:Warner,1968, MNRAS, 139,115