

Table 9. Mean Abundance Data

Analysis	[Fe/H] Ratios				
	$\langle[\text{Fe}/\text{H}]\rangle$	σ	N	Minimum	Maximum
Spectroscopic	-0.017	0.168	298	-0.64	0.31
MARCS75	0.003	0.174	291	-0.64	0.42
Physical	-0.087	0.156	283	-0.63	0.35

Mean Spectroscopic Abundance Ratios and Regression Coefficients

$$[x/\text{H}] = \text{Slope} * [\text{Fe}/\text{H}] + \text{Intercept}$$

Element	Mean	σ	N	Slope	Error	Intercept	Error	σ	Element	Mean	σ
[Na/H]	0.103	0.199	293	1.108	0.024	0.123	0.004	0.068	[Na/Fe]	0.121	0.070
[Mg/H]	0.087	0.187	250	0.899	0.046	0.096	0.008	0.119	[Mg/Fe]	0.097	0.119
[Al/H]	0.083	0.166	290	0.887	0.024	0.099	0.004	0.070	[Al/Fe]	0.101	0.073
[Si/H]	0.117	0.166	297	0.920	0.021	0.133	0.003	0.059	[Si/Fe]	0.134	0.061
[S/H]	-0.047	0.128	10	0.861	0.351	-0.096	0.038	0.103	[S/Fe]	-0.104	0.098
[Ca/H]	-0.064	0.138	297	0.725	0.022	-0.052	0.004	0.065	[Ca/Fe]	-0.047	0.079
[Sc/H]	-0.112	0.141	297	0.702	0.027	-0.099	0.005	0.078	[Sc/Fe]	-0.094	0.092
[Ti/H]	-0.012	0.144	293	0.820	0.014	0.002	0.002	0.041	[Ti/Fe]	0.005	0.051
[V/H]	-0.066	0.198	287	1.097	0.031	-0.050	0.005	0.085	[V/Fe]	-0.051	0.087
[Cr/H]	0.009	0.190	295	1.062	0.022	0.027	0.004	0.064	[Cr/Fe]	0.026	0.064
[Mn/H]	0.091	0.273	293	1.527	0.032	0.118	0.005	0.092	[Mn/Fe]	0.109	0.128
[Co/H]	0.076	0.198	291	1.041	0.032	0.095	0.005	0.091	[Co/Fe]	0.094	0.091
[Ni/H]	0.001	0.180	294	1.037	0.015	0.020	0.002	0.042	[Ni/Fe]	0.020	0.042
[Cu/H]	0.018	0.216	287	1.015	0.046	0.037	0.008	0.131	[Cu/Fe]	0.037	0.131
[Zn/H]	-0.007	0.192	6	0.465	1.081	-0.004	0.086	0.210	[Zn/Fe]	0.000	0.193
[Sr/H]	-0.106	0.202	279	1.196	0.029	-0.095	0.004	0.075	[Sr/Fe]	-0.097	0.081
[Y/H]	0.026	0.198	294	0.927	0.042	0.042	0.007	0.122	[Y/Fe]	0.044	0.122
[Ba/H]	-0.069	0.218	295	0.618	0.066	-0.059	0.011	0.192	[Ba/Fe]	-0.053	0.202
[Ce/H]	-0.023	0.196	285	0.881	0.045	-0.005	0.008	0.127	[Ce/Fe]	-0.003	0.129
[Pr/H]	-0.116	0.159	286	0.817	0.027	-0.100	0.005	0.078	[Pr/Fe]	-0.096	0.084
[Nd/H]	-0.058	0.191	289	1.019	0.029	-0.039	0.005	0.082	[Nd/Fe]	-0.039	0.082
[Eu/H]	0.051	0.163	253	0.828	0.027	0.075	0.005	0.075	[Eu/Fe]	0.080	0.081

Note: $[x/\text{Fe}] = (\text{Slope}-1)*[\text{Fe}/\text{H}] + \text{Intercept}$ where x is the element and Slope and Intercept are taken from the linear regression solution for $[x/\text{H}]$ versus $[\text{Fe}/\text{H}]$. The uncertainties are identical.