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We have derived the elemental abundances of a metallic-line A-star 2 UMa, using high-dispersion, high signal-to-noise ratio spectra obtained from Dominion Astrophysical Observatory. This study used Kurucz's ATLAS9 and WIDTH9 programs. The star is selected as 1) it has not been the subject of a detailed elemental abundances analysis, and 2) it is relatively sharp-lined and hot enough so that the continuum can be well placed even in the blue. For even cooler Am stars determining the continuum will be a major problem.

As a guide for the broad-lined and cooler Am stars, a spectral line atlas of 2 UMa will be prepared.

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