Table 2. Recommended Wavelengths (Air) and Wave Numbers (Vacuum) for Selected Hg Spectral Lines Emitted by Pencil-Type Lamps

Intensity[a]	Wavelength[b] (nm)	Wave Number (cm^{-1})
300,000	253.6521	39412.236
160	289.3601	34548.888
2600	296.7283	33691.025
280	302.1504	33086.464
2800	312.5674	31983.828
1900	313.1555	31923.765
2800	313.1844	31920.819
160	334.1484	29918.220
5300	365.0158	27388.271
970	365.4842	27353.171
110	366.2887	27293.096
650	366.3284	27290.138
4400	404.6565	24705.339
270	407.7837	24515.883
34	434.7506[b]	22995.229
10,000	435.8335	22938.095
10,000	546.0750	18307.415
1100	576.9610	17327.389
1200	579.0670	17264.372

[a]Intensities are relative values based on irradiance values from Ref. 1 with the intensity of 436 nm set arbitrarily to 10,000.

[b]The wavelength uncertainty is 0.0001 nm, with the exception of that of the 434.7506-nm line (see text).