

Table 4. Calibration parameters for fluorimetric determination of Chls *a* and *b* in various solvents. Data supplied by Talbot and Sauer (1997)

Solvent:	Diethylether		Aq 80% acetone	DMF	DMSO
Excitation maxima	453 nm	(453) ^a	461 nm	462 nm	463 nm
Emission maxima					
Chl <i>a</i>	666 nm	(666) ^a	672 nm	672 nm	674 nm
Chl <i>b</i>	647 nm	(646) ^a	656 nm	656 nm	662 nm
K _{<i>a</i>}	0.0573	(0.185) ^a	0.237	0.234	0.433
K _{<i>b</i>}	0.132	(0.142) ^a	0.423	0.435	0.631
Slope ($m = k_2/k_1$)	39.9	(21.0) ^a	24.3	18.5	11.0

^aThe figures in parentheses are those obtained by Boardman and Thorne (1971)