

14. APPENDIX A. DEFAULT TABLE OF WAVELENGTHS AND EXTINCTION COEFFICIENTS.

Wavelength (nm)	Oxy-Hemoglobin Extinction 1/(cm mM)	Deoxy-Hemoglobin Extinction 1/(cm mM)	Water Extinction 1/(cm uM)
650	1.1651	8.6186	63.8
653	1.1029	8.3906	66.4
657	1.0569	8.0959	71.3
660	1.0247	7.9255	74
663	1.0016	7.6584	75.5
667	0.9901	7.3522	76.4
670	0.9832	6.9377	77.3
674	0.9809	6.6291	77.8
677	0.9740	6.4311	80
680	0.9740	6.0110	81.3
681	0.9740	5.8716	81.8
684	0.9671	5.5078	83.3
687	0.9602	5.1647	87.3
690	0.9560	4.9307	92.9
691	0.9556	4.8538	94.2
694	0.9556	4.5821	101
698	0.9579	4.3450	112
700	0.9656	4.2083	118
701	0.9694	4.1400	121
705	0.9832	3.9604	136
708	1.0016	3.7924	152
710	1.0154	3.6880	164
711	1.0223	3.6358	171
715	1.0454	3.4838	203
718	1.0730	3.3387	232
720	1.0883	3.2497	250
721	1.0960	3.2052	263
725	1.1283	3.0947	319
728	1.1582	3.0095	382
730	1.1743	2.9853	420
732	1.1904	2.9611	445
735	1.2043	2.9611	474
738	1.2572	3.0095	488
740	1.2745	3.0579	491
742	1.2918	3.1062	492
745	1.3263	3.2282	493
748	1.3631	3.4309	492
750	1.3816	3.5141	488
752	1.4000	3.6243	488
755	1.4368	3.7854	490
758	1.4760	3.8637	489
760	1.4864	3.8430	488
762	1.4967	3.8223	482
765	1.5542	3.6611	477
768	1.5957	3.4193	459
770	1.6153	3.2812	458
772	1.6348	3.1430	452
775	1.6763	2.8782	443
778	1.7154	2.6457	432
780	1.7362	2.5502	427
782	1.7569	2.4546	396
785	1.7983	2.3003	381
788	1.8398	2.1138	376
790	1.8605	2.1023	373
792	1.8812	2.0907	370

795	1.9227	2.0194	365
798	1.9618	1.9618	361
800	1.9814	1.9388	357
801	2.0009	1.9158	363
805	2.0401	1.8789	386
808	2.0792	1.8513	404
810	2.0988	1.8421	416
811	2.1184	1.8329	422
814	2.1506	1.8167	439
818	2.1921	1.8075	463
820	2.2105	1.8041	475
821	2.2289	1.8006	480
824	2.2634	1.7937	498
828	2.2980	1.7914	538
830	2.3153	1.7914	561
831	2.3325	1.7914	572
834	2.3671	1.7891	606
837	2.4016	1.7891	640
840	2.4338	1.7891	674
844	2.4638	1.7914	720
847	2.4960	1.7960	754
850	2.5259	1.7983	788
853	2.5559	1.8052	816
857	2.5835	1.8144	853
860	2.6111	1.8236	881
863	2.6388	1.8352	909
866	2.6641	1.8490	937
869	2.6871	1.8651	965
870	2.6986	1.8732	974
872	2.7101	1.8812	993
876	2.7332	1.8973	1030
879	2.7539	1.9181	1055
880	2.7631	1.9273	1064
882	2.7723	1.9365	1081
885	2.7907	1.9572	1106
888	2.8069	1.9756	1132
891	2.8230	1.9940	1157
895	2.8368	2.0102	1191
898	2.8506	2.0263	1217
900	2.8564	2.0321	1234