

Pigment		Fucoxanthin	Peridinin	Hexo-fucoxanthin	Diadinoxanth	Zeaxanthin/l	Buto-fucoxan	chlorophyll-a	chlorophyll-b	chlorophyll-a	chlorophyllide-a	pheophytin-a	Beta-carotene	chlorophyllide fucolike
Molecular Wt		658.92	630.82	773.06	582.86	568.88	745.01	893.5	907.49	893.5	614.97	871.21	536.88	614.97
Values in micrograms per liter														
Sample Number	Sample ID	Fucoxanthin	Peridinin	Hexo-fucoxanthin	Diadinoxanth	Zeaxanthin/l	Buto-fucoxan	chlorophyll-a	chlorophyll-b	chlorophyll-a	chlorophyllide-a	pheophytin-a	Beta-carotene	chlorophyllide fucolike
1	P1 Surf	0.28889	0.00755	0.02167	0.05348	0.02742	0.00350	0.27136	0.01551	0.02635	0.12835	0.18184	0.00213	0.12835
2	P3 Surf	0.24957	0.00537	0.03610	0.05315	0.02209	0.00626	0.30708	0.01554	0.02158	0.31574	0.44729	0.00382	0.31574
3	P5 Surf	0.05901	0.00572	0.05158	0.02126	0.02482	0.01760	0.22555	0.02748	0.01350	0.03313	0.04693	0.01074	0.03313
4	P7 Surf	0.02840	0.00057	0.02895	0.01011	0.03906	0.01166	0.12005	0.00860	0.00782	0.03447	0.04883	0.00712	0.03447
5	P8 62m	0.00541	0.00024	0.00549	0.00169	0.01187	0.00255	0.02296	0.00148	0.00183	0.00971	0.01376	0.00156	0.00971
6	P9 Surf	0.01943	0.00215	0.02241	0.00568	0.03289	0.00819	0.09682	0.00760	0.00398	0.01669	0.02364	0.00500	0.01669
7	C1 Surf	0.01666	0.00252	0.00553	0.00419	0.01016	0.00036	0.04302	0.00535	0.00277	0.00791	0.01121	0.00022	0.00791
8	C1 15m	0.10261	0.01094	0.01662	0.01193	0.00927	0.00436	0.18002	0.01181	0.01536	0.04907	0.06951	0.00266	0.04907
9	C3 Surf	0.01637	0.00178	0.01289	0.00450	0.01341	0.00373	0.06924	0.00934	0.00483	0.01118	0.01584	0.00228	0.01118
10	C3 28m	0.12177	0.00687	0.02850	0.01529	0.00957	0.01187	0.21433	0.02899	0.01451	0.09406	0.13325	0.00725	0.09406
11	C5 Surf	0.01148	0.00141	0.02114	0.00493	0.02993	0.00855	0.05422	0.01028	0.00379	0.00870	0.01233	0.00522	0.00870
12	C5 32m	0.06760	0.00712	0.09746	0.01728	0.03208	0.03347	0.24564	0.04983	0.02700	0.07678	0.10878	0.02044	0.07678
13	C7 Surf	0.00469	0.00047	0.00807	0.00133	0.01711	0.00259	0.04367	0.00770	0.00272	0.00596	0.00844	0.00158	0.00596
14	C9 Surf	0.00648	0.00001	0.00885	0.00172	0.02285	0.00336	0.04690	0.00531	0.00342	0.00991	0.01404	0.00205	0.00991
15	C9 50m	0.00529	0.00053	0.00700	0.00104	0.00889	0.00172	0.05512	0.01216	0.00611	0.00812	0.01150	0.00105	0.00812
16	A1 Surf	0.02478	0.00526	0.01794	0.01132	0.23149	0.00294	0.25380	0.03388	0.01952	0.04665	0.06609	0.00180	0.04665
17	A3 Surf	0.04140	0.00840	0.08024	0.01865	0.05227	0.01325	0.22173	0.01941	0.02258	0.01841	0.02608	0.00809	0.01841
18	A5 Surf	0.02961	0.00469	0.03716	0.00889	0.01111	0.00573	0.14892	0.01283	0.01012	0.01187	0.01681	0.00350	0.01187
19	A7 Surf (4L)	0.01846	0.00222	0.02618	0.01459	0.03318	0.00586	0.13792	0.01740	0.01565	0.01209	0.01712	0.00358	0.01209
20	A7 Surf (5L)	0.04281	0.00744	0.03918	0.00802	0.01086	0.01208	0.17402	0.02409	0.01549	0.02840	0.04024	0.00738	0.02840
21	A7 20m	0.03582	0.00184	0.00970	0.00605	0.01991	0.00327	0.11343	0.02460	0.00990	0.01731	0.02453	0.00200	0.01731
22	A9 Surf	0.05249	0.00760	0.09613	0.01946	0.03366	0.03537	0.27968	0.05473	0.02598	0.06908	0.09786	0.02160	0.06908