

2012-13 Chlorophyll duplicates - page 1

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Duplicate samples from a single Niskin bottle

Event Number	Sample Number	Station	Pressure dbar	Chlorophyll:Extracted: Bottle			Phaeo-Pigment:Extracted: Bottle		
				Chl 1 mg/m ³	Chl 2 mg/m ³	CV %	Phaeo 1 mg/m ³	Phaeo 2 mg/m ³	CV %
	Loop	JF1	4.5	11.101	8.333	20.15	0.982	0.888	7.07
	Loop	JF2	4.5	38.045	37.923	0.23	2.869	2.968	2.40
	Loop	JF3	4.5	5.126	5.812	8.87	1.733	1.480	11.17
	Loop	JF4	4.5	16.430	16.619	0.81	2.489	2.213	8.29
2	12	P1	30.8	0.705	0.713	0.84	0.859	0.665	17.97
2	13	P1	5.7	10.751	10.298	3.04	0.411	0.863	50.19
5	27	P2	25.7	0.614	0.704	9.59	0.658	0.557	11.77
5	33	P2	30.3	0.311	0.270	9.90	0.494	0.613	15.26
5	34	P2	16.5	0.948	1.121	11.84	0.778	0.758	1.84
5	35	P2	5.2	31.447	33.000	3.41	1.827	1.637	7.77
6	36	P3	30.1	0.742	0.608	13.98	0.609	0.517	11.54
6	37	P3	5.2	21.585	22.941	4.31	2.677	2.671	0.18
8	45	P4	31.0	0.124	0.212	36.84	0.293	0.391	20.28
8	52	P4	30.8	0.367	0.205	40.05	0.411	0.504	14.30
8	53	P4	15.4	13.382	15.207	9.03	3.645	2.984	14.11
8	54	P4	6.2	5.659	4.997	8.79	0.728	0.958	19.34
16	125	P5	25.6	2.652	2.960	7.77	1.083	0.935	10.35
16	126	P5	5.7	1.070	1.092	1.45	0.259	0.256	0.63
17	127	P6	26.0	1.024	1.081	3.84	0.332	0.324	1.70
17	128	P6	6.3	0.629	0.583	5.46	0.169	0.175	2.62
19	130	P7	35.8	0.850	0.643	19.54	0.460	0.642	23.35
19	131	P7	5.7	0.404	0.327	14.98	0.120	0.114	3.25
20	148	P8	26.1	0.377	0.393	2.91	0.142	0.156	6.69
20	151	P8	36.0	0.431	0.299	25.60	0.366	0.340	5.18
20	152	P8	26.1	0.337	0.394	11.05	0.142	0.141	0.70
20	153	P8	5.9	0.191	0.180	4.14	0.091	0.086	3.96
23	155	P9	26.0	0.465	0.507	6.16	0.393	0.354	7.39
23	156	P9	5.5	0.195	0.209	5.12	0.153	0.131	11.29
24	157	P10	27.9	1.592	1.620	1.24	0.757	0.816	5.35
24	158	P10	5.9	0.195	0.210	5.15	0.098	0.069	24.31
25	159	P11	50.8	0.311	0.297	3.19	0.233	0.269	10.16
25	160	P11	5.5	0.592	0.702	11.93	0.120	0.087	22.52
26	167	P12	30.5	0.113	0.105	5.48	0.101	0.097	3.14

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26	174	P12	66.1	0.135	0.112	13.05	0.165	0.152	5.84
26	175	P12	56.2	0.235	0.199	11.59	0.144	0.145	0.51
26	176	P12	6.1	0.230	0.257	7.90	0.078	0.062	15.71
35	258	P13	27.8	0.703	0.588	12.55	0.158	0.151	3.37
35	259	P13	5.2	0.294	0.279	3.57	0.057	0.053	5.62
36	260	P14	51.2	0.272	0.208	19.10	0.175	0.187	4.79
36	261	P14	5.8	0.088	0.134	29.82	0.033	0.036	4.70
37	262	P15	28.1	0.205	0.257	16.11	0.175	0.153	9.34
37	263	P15	5.7	0.148	0.190	17.42	0.071	0.066	5.00
42	324	P16	30.5	0.259	0.284	6.26	0.119	0.113	3.41
42	331	P16	68.6	0.065	0.117	40.20	0.166	0.176	4.13
42	332	P16	58.2	0.329	0.229	25.32	0.133	0.173	18.72
42	333	P16	6.2	0.147	0.130	8.64	0.054	0.054	0.90
47	352	P17	23.8	0.388	0.417	5.09	0.166	0.182	6.58
47	353	P17	5.8	0.204	0.226	7.10	0.049	0.060	15.39
48	354	P18	47.4	0.103	0.261	61.04	0.178	0.167	4.62
48	355	P18	5.7	0.193	0.195	1.03	0.063	0.069	7.28
49	356	P19	61.0	0.082	0.145	39.16	0.218	0.229	3.41
49	357	P19	5.8	0.108	0.065	35.28	0.052	0.051	2.05
58	436	P20	31.1	0.320	0.192	35.31	0.090	0.097	5.19
58	443	P20	65.4	0.239	0.250	3.12	0.180	0.173	3.12
58	444	P20	55.5	0.271	0.325	13.03	0.167	0.165	0.79
58	445	P20	5.6	0.270	0.303	8.07	0.063	0.055	9.61
60	447	P21	50.1	0.235	0.231	1.05	0.195	0.193	0.97
60	448	P21	4.9	0.223	0.279	15.98	0.054	0.053	1.13
61	449	P22	46.9	0.336	0.378	8.24	0.180	0.170	4.23
61	450	P22	4.9	0.229	0.203	8.72	0.066	0.059	8.46
62	453	P23	64.3	0.161	0.354	52.93	0.194	0.162	12.56
62	454	P23	5.1	0.197	0.158	15.36	0.053	0.058	6.50
64	467	P24	56.4	0.204	0.294	25.63	0.213	0.212	0.50
64	468	P24	5.3	0.261	0.259	0.75	0.095	0.093	1.66
65	491	P25	45.2	0.231	0.211	6.62	0.191	0.196	1.98
65	492	P25	5.4	0.208	0.353	36.54	0.090	0.101	8.45

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70	563	P26	30.7	0.426	0.622	26.50	0.222	0.163	21.78
70	570	P26	40.8	0.270	0.273	0.88	0.184	0.173	4.23
70	571	P26	25.4	0.522	0.555	4.31	0.160	0.154	2.69
70	572	P26	5.5	0.454	0.520	9.61	0.136	0.126	5.61
84	493	P35	42.8	0.320	0.445	23.17	0.189	0.181	3.10
84	494	P35	5.3	0.367	0.381	2.66	0.125	0.059	50.71
87	687	P4	26.6	0.369	0.163	54.84	0.674	0.648	2.81
87	688	P4	16.7	0.900	0.781	10.04	1.000	0.959	2.94
87	689	P4	6.5	0.287	0.267	5.26	0.260	0.248	3.17