

2015-010 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 %
3	Loop JF1	JF1		3.119	3.024	2.19	0.538	0.697	18.3
4	8	JF2	29.9	1.116	1.195	4.83	0.820	0.732	8.1
4	9	JF2	5.5	1.404	1.332	3.76	0.502	0.484	2.5
6	Loop JF3	JF3		1.861	1.800	2.35	0.561	0.565	0.4
7	12	LB01	2.7	3.455	3.536	1.65	0.969	0.945	1.8
11	15	LB08	3.4	0.802	0.796	0.55	0.181	0.185	1.6
15	18	LC01	2.6	13.406	13.494	0.46	2.938	2.925	0.3
16	20	P1	29.3	0.149	0.158	3.93	0.195	0.172	8.8
16	21	P1	4.9	0.341	0.362	4.36	0.116	0.123	4.0
18	31	P2	25.0	0.530	1.069	47.69	0.385	0.625	33.6
18	37	P2	30.1	0.529	0.497	4.42	0.410	0.322	17.1
18	38	P2	15.6	3.436	2.560	20.66	1.156	0.938	14.7
18	39	P2	5.1	16.753	16.225	2.26	3.405	3.595	3.8
22	51	P3	30.2	0.964	0.768	16.07	0.787	0.750	3.4
22	52	P3	5.2	20.519	20.635	0.40	6.276	6.433	1.7
31	188	P4	20.3	3.798	3.668	2.47	1.066	1.200	8.4
31	193	P4	29.9	3.799	3.884	1.57	1.263	1.245	1.0
31	194	P4	15.4	3.847	3.916	1.27	1.001	1.052	3.5
31	195	P4	4.9	3.696	3.984	5.30	1.070	1.003	4.6
33	197	P5	30.6	0.906	0.917	0.81	0.267	0.315	11.5
33	198	P5	5.6	0.533	0.536	0.33	0.190	0.197	2.4
34	200	P6	76.9	0.699	0.726	2.74	0.454	0.457	0.5
34	201	P6	5.4	0.142	0.144	0.82	0.044	0.052	12.6
35	206	P7	77.2	0.726	0.692	3.45	0.435	0.445	1.7
35	207	P7	5.2	0.118	0.127	5.13	0.037	0.043	10.3
39	227	P8	75.3	0.576	0.602	3.05	0.285	0.322	8.8
39	228	P8	65.8	0.436	0.437	0.18	0.185	0.182	1.1
39	229	P8	5.6	0.123	0.114	4.91	0.035	0.033	4.4
41	252	P9	70.2	0.527	0.524	0.42	0.255	0.271	4.3
41	253	P9	5.3	0.109	0.103	3.65	0.039	0.026	27.1
42	266	P10	60.3	0.400	0.419	3.23	0.224	0.198	8.7
42	267	P10	5.0	0.139	0.142	1.36	0.040	0.042	3.5
44	308	P11	50.4	1.414	1.364	2.53	0.604	0.549	6.8
44	309	P11	5.2	0.098	0.091	4.73	0.029	0.020	24.4

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53	379	P12	40.5	0.722	0.688	3.34	0.396	0.394	0.5
53	387	P12	49.8	0.510	0.514	0.62	0.321	0.321	0.2
53	388	P12	40.4	0.695	0.759	6.29	0.344	0.388	8.4
53	389	P12	5.6	0.106	0.106	0.33	0.026	0.029	8.7
56	437	P13	41.0	0.328	0.314	3.05	0.147	0.145	0.9
56	438	P13	5.5	0.104	0.105	0.37	0.030	0.036	12.5
57	439	P14	45.2	0.618	0.619	0.20	0.378	0.379	0.3
57	440	P14	5.7	0.156	0.157	0.36	0.049	0.052	3.3
58	Loop58			0.120	0.117	1.39	0.057	0.049	10.0
59	463	P15	50.0	1.153	1.145	0.46	0.686	0.668	1.8
59	464	P15	5.6	0.246	0.213	10.45	0.080	0.043	42.1
61	470	P16	50.1	0.633	0.625	0.88	0.338	0.326	2.7
61	479	P16	60.2	0.440	0.445	0.69	0.256	0.271	4.1
61	480	P16	50.2	0.614	0.620	0.60	0.324	0.320	1.1
61	481	P16	5.6	0.116	0.115	0.94	0.032	0.031	1.5
61	Loop P16	P16		0.118	0.113	2.81	0.036	0.035	2.1
72	596	P17	40.2	0.749	0.700	4.71	0.355	0.333	4.5
72	597	P17	5.0	0.136	0.129	3.68	0.037	0.033	7.2
73	602	P18	45.5	1.292	1.410	6.20	0.500	0.583	10.8
73	603	P18	5.0	0.090	0.093	1.95	0.020	0.020	0.6
73	Loop P18	P18		0.096	0.092	2.91	0.038	0.023	35.4
74	626	P19	50.7	0.689	0.658	3.27	0.396	0.384	2.2
74	627	P19	5.6	0.132	0.145	6.79	0.028	0.040	24.2
82	674	P20	49.6	0.476	0.492	2.33	0.234	0.238	1.2
82	683	P20	49.4	0.458	0.482	3.57	0.229	0.241	3.5
82	684	P20	39.3	0.712	0.759	4.53	0.346	0.361	2.9
82	685	P20	5.0	0.267	0.279	3.04	0.057	0.044	18.3
84	Loop84			0.253	0.253	0.02	0.073	0.075	1.4
85	715	P24	38.2	0.590	0.579	1.34	0.238	0.239	0.1
90	739	P25	50.2	0.358	0.352	1.24	0.169	0.168	0.4
90	740	P25	5.3	0.285	0.287	0.68	0.070	0.072	1.7
102	885	P26	20.2	0.423	0.441	2.98	0.106	0.108	1.2
102	892	P26	5.3	0.428	0.426	0.44	0.105	0.111	4.0
102	Loop P26	P26		0.443	0.448	0.79	0.116	0.119	1.8

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105	Loop105			0.568	0.543	3.18	0.106	0.111	3.3
106	897	P22	47.0	0.786	0.818	2.89	0.355	0.368	2.5
106	898	P22	5.1	0.739	0.678	6.13	0.174	0.163	4.7
107	930	P21	51.2	0.540	0.531	1.22	0.241	0.229	3.4
107	936	P21	6.3	0.676	0.702	2.72	0.128	0.138	5.1
108	Loop108			0.189	0.169	7.90	0.042	0.047	7.9
115	977	P4	4.9	0.448	0.474	4.00	0.222	0.205	5.5