

Chlorophyll Data Sheet

Cruise: 2014-16 High Seas Salmon Page: 1 of 3

Date acetone added: 08 April 2014

Time acetone added: 11:50 a.m.

Date of analysis: 09 April 2014

Analyst: Tamara

out of freezer @ 12:35 p.m.

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	-0.057			
STD			LOW	2-	12.151			
			HIGH	4-	65.979			
Blank				6-	-0.077	+acid 7	-0.077	
239	GS57			1-	66.818	2-	38.318	
220	GS48			3-	68.875	4-	39.803	
220	GS48			5-	63.573	6-	37.324	
216	GS46			7-	180.639	8-	96.047	
216	GS46			1-	70.031	2-	90.868	
212	GS44			3-	99.958	4-	55.450	
212	GS44			5-	103.958	6-	57.335	
209	GS43			7-	50.582	8-	29.251	
209	GS43			1-	50.777	2-	29.626	
205	GS41			3-	202.655	4-	109.279	
205	GS41			5-	215.071	6-	115.398	
239	GS57			7-	64.573	8-	37.935	
235	GS55			1-	86.511	2-	48.204	
235	GS55			3-	87.527	4-	48.692	
232	GS54			5-	107.242	6-	58.885	
232	GS54			7-	106.465	8-	58.633	
228	GS52			1-	54.895	2-	32.139	
228	GS52			3-	53.620	4-	31.109	
224	GS50			5-	47.392	6-	28.374	
224	GS50			7-	47.983	8-	28.284	
247	GS61			1-	64.317	2-	36.664	
247	GS61			3-	62.052	4-	35.459	
243	GS59			5-	68.084	6-	39.162	
243	GS59			7-	65.965	8-	37.777	
Blank				3-	-0.078	+acid 14	-0.077	
Std	Low			5-	11.977			
Std	High			7-	65.155			
Stand-	by			8-	-0.057			

HS 2014-16 CHL GS 57 239	HS 2014-16 CHL GS 48 220	HS 2014-16 CHL GS 48 220	HS 2014-16 CHL GS 46 216
HS 2014-16 CHL GS 46 216	HS 2014-16 CHL GS 44 212	HS 2014-16 CHL GS 44 212	HS 2014-16 CHL GS 43 209
HS 2014-16 CHL GS 43 209	HS 2014-16 CHL GS 41 205	HS 2014-16 CHL GS 41 205	HS 2014-16 CHL GS 57 239
HS 2014-16 CHL GS 55 235	HS 2014-16 CHL GS 55 235	HS 2014-16 CHL GS 54 232	HS 2014-16 CHL GS 54 232
HS 2014-16 CHL GS 52 228	HS 2014-16 CHL GS 52 228	HS 2014-16 CHL GS 50 224	HS 2014-16 CHL GS 50 224
HS 2014-16 CHL GS 61 247	HS 2014-16 CHL GS 61 247	HS 2014-16 CHL GS 59 243	HS 2014-16 CHL GS 59 243

Chlorophyll Data Sheet

Cruise: 2014-16

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Date acetone added: 18 April 2014

Time acetone added: 2:00 pm

Date of analysis: 19 April 2014

Analyst: Tamara

cont. J. Grazer @ 1:15 p.m.

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-				
STD			LOW	2-	) previous page			
			HIGH	4-				
Blank				6-				
201	GS39			1-	49.989	2-	29.082	
182	DI 21			3-		4-	18.679	forgot to read initial value
165	JS08			5-	11.564	6-	7.368	
148	JS03			7-	14.223	8-	8.979	
129	GS28			1-	187.574	2-	102.008	
084	DI 11			3-	101.156	4-	57.839	
067	DI 06			5-	29.953	6-	17.969	
051	GS08			7-	39.505	8-	24.021	
031	GI 08			1-	28.591	2-	18.693	
011	JF 05			3-	28.237	4-	18.456	
201	GS39			5-	51.439	6-	30.013	
182	DI 21			7-	17.012	8-	10.544	
165	JS08			1-	10.769	2-	7.025	
148	JS03			3-	13.690	4-	8.711	
129	GS28			5-	188.151	6-	103.206	
084	DI 11			7-	96.920	8-	56.052	
067	DI 06			1-	29.889	2-	18.155	
051	GS08			3-	39.361	4-	24.113	
031	GI 08			5-	28.644	6-	18.786	
011	JF 05			7-	26.124	8-	16.777	
197	GS37			1-	51.712	2-	30.759	
179	DI 20			3-	15.507	4-	9.893	
162	JS07			5-	10.648	6-	8.379	
144	JS02			7-	13.686	8-	8.766	
Blank				3-	-0.076	acid [4]	-0.079	
Std	Low			5-	11.967			
Std	High			7-	65.086			
Stand-	by			8-	-0.060			

HS2014-16 CHL IS 39 201	HS2014-16 CHL DI 21 182	HS 2014-16 CHL IS 08 165	HS 2014-16 CHL IS 03 148
HS 2014-16 CHL GS 28 129	HS 2014-16 CHL DI-11 084	HS 2014-16 CHL AI-06 067	HS 2014-16 CHL GS 08 051
HS2014-16 CHL GI-08 031	HS2014-16 CHL JF 05 -0011	HS2014-16 CHL GS 39 201	HS2014-16 CHL DI 21 182
HS2014-16 CHL IS 08 165	HS 2014-16 CHL IS 03 148	HS 2014-16 CHL GS 28 129	HS 2014-16 CHL DI-11 084
HS 2014-16 CHL DI-06 067	HS 2014-16 CHL GS 08 051	HS2014-16 CHL GI-08 031	HS 2014-16 CHL JF 05 -0011
HS 2014-16 CHL GS 37 197	HS 2014-16 CHL DI 20 179	HS2014-16 CHL IS 07 162	HS 2014-16 CHL IS 02 144

Chlorophyll Data Sheet

Cruise: 2014-16

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Date acetone added: 08 April 2014

Time acetone added: 3:40 p.m.

Date of analysis: 09 April 2014

Analyst: Tamera

out of focus @ 2:25 p.m.

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-				
STD			LOW	2-	/ previous page			
			HIGH	4-				
Blank				6-				
125	GS26			1-	91.535	2-	55.541	
81	Di10			3-	55.763	4-	32.869	
64	Di05			5-	42.301	6-	25.503	
47	GS06			7-	37.129	8-	23.080	
29	GI06			1-	25.138	2-	15.616	
10	JF04			3-	22.974	4-	14.747	
197	GS37			5-	54.232	6-	32.103	
179	Di20			7-	17.349	8-	10.620	
162	JS07			1-	13.796	2-	8.664	
144	JS02			3-	14.331	4-	8.906	
125	GS26			5-	88.783	6-	53.424	
81	Di10			7-	54.384	8-	32.726	
64	Di05			1-	41.304	2-	24.943	
47	GS06			3-	35.773	4-	22.029	
28	GI06			5-	23.528	6-	14.646	
10	JF04			7-	22.797	8-	15.043	
193	GS35			1-	49.850	2-	30.165	
174	Di17			3-	27.963	4-	17.582	
137	JS06			5-	11.342	6-	7.403	
140	JS01			7-	15.112	8-	9.098	
121	GS24			1-	88.443	2-	51.046	
77	Di09			3-	41.857	4-	25.495	
61	Di04			5-	33.930	6-	20.901	
43	GS04			7-	27.695	8-	17.207	
Blank				3-	-0.078	+acid [4]	-0.078	
Std	Low			5-	11.981			
Std	High			7-	64.906			
Stand-	by			8-	-0.058			

HS 2014-16
CHL
GS 26 125

HS2014-16
CHL
DI 10 081

HS2014-16
CHL
DI-05 064

HS2014-16
CHL
IS06 047

HS 2014-06
CHL
GI 06 028

HS2014-16
CHL IF04
0010

HS 2014-16
CHL
GS 37 197

HS2014-16
CHL
PI 20 179

HS 2014-16
CHL
IS 07 132

HS 2014-16
CHL
IS02 144

HS2014-16
CHL
GS 26 125

HS 2014-16
CHL
DI 10 081

HS2014-16
CHL
DI-05 064

HS2014-16
CHL
GS 06 047

HS 2014-16
CHL
GI 06 028

HS2014-16
CHL IF04
0010

HS2014-16
CHL
GS 35 193

HS 2014-16
CHL
DI 17 174

HS2014-16
CHL
IS06 157

HS2014-16
CHL
IS 01 140

HS 2014-16
CHL
GS 24 121

HS 2014-16
CHL
DI-09 079

HS 2014-16
CHL
DI-04 061

HS2014-16
CHL
GS 04 043

Chlorophyll Data Sheet

Cruise: 2014-16

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Date acetone added: 10 April 2014

Time acetone added: 11:30 a.m.

Date of analysis: 11 April 2014
out of freezer 10:45 a.m.

Analyst: Tamara

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	-0.057			
STD			LOW	2-	11.995			
			HIGH	4-	65.334			
Blank				6-	-0.078 + acid [7]	-0.075		
24	GI04			1-	101.728	2-	56.207	
007				3-	22.786	4-	14.397	
193	GS35			5-	49.492	6-	30.194	
174	Di 17			7-	29.451	8-	18.326	
157	JS06			1-	10.677	2-	7.033	
140	JS01			3-	16.697	4-	10.282	scint vial leaked on initial shake
121	GS24			5-	88.379	6-	51.903	
077	Di 09			7-	43.055	8-	26.544	
43	GS04			1-	28.812	2-	17.932	
61	Di 04			3-	34.489	4-	20.986	
24	GI04			5-	99.145	6-	55.283	
007				7-	22.152	8-	14.209	
189	GS33			1-	21.789	2-	14.336	
171	Di 17			3-	15.060	4-	9.783	
154	JS05			5-	10.777	6-	7.028	
137	GS32			7-	93.084	8-	54.196	
117	GS22			1-	47.327	2-	28.677	
074	Di 08			3-	54.767	4-	32.923	scint vial leaked on initial shake
058	Di 03			5-	37.850	6-	23.077	
39	GS02			7-	33.109	8-	20.776	
				1-		2-		
				3-		4-		
				5-		6-		
				7-		8-		
Blank				3-	-0.080 + acid [7]	-0.079		
Std	Low			5-	10.855			
Std	High			7-	65.434			
Stand-	by			8-	-0.057			

HS 2014-16
CHL
G1 04 024

HS 2014-16
CHL
007

HS 2014-16
CHL
GS35 193

HS 2014-16
CHL
DI 17 174

HS 2014-16
CHL
IS06 157

HS 2014-16
CHL
IS01 180

HS 2014-16
CHL
GS24 121

HS 2014-16
CHL
DI 09 077

HS 2014-16
CHL
GS04 043

HS 2014-16
CHL
DI 04 061

HS 2014-16
CHL
G1 04 024

HS 2014-16
CHL
007

HS 2014-16
CHL
GS33 189

HS 2014-16
CHL
DI 17 171

HS 2014-16
CHL
IS05 154

HS 2014-16
CHL
GS32 137

HS 2014-16
CHL
GS22 117

HS 2014-16
CHL
DI 08 074

HS 2014-16
CHL
DI 03 058

HS 2014-16
CHL
GS02 039

Chlorophyll Data Sheet

Cruise: 2014-16

Page: 2 of 3

Date acetone added: 10 April 2014

Time acetone added: 1:30 p.m.

Date of analysis: 11 April 2014

Analyst: Tamara

out of freezer 12:05 p.m.

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-				
STD			LOW	2-	) previous page			
			HIGH	4-				
Blank				6-				
019	GI 01			1-	70.624	2-	40.299	
004				3-	20.408	4-	12.948	
189	GS33			5-	26.842	6-	16.822	
171	Di 17			7-	14.525	8-	9.453	
154	JS05			1-	11.402	2-	7.394	
137	GS32			3-	94.708	4-	55.499	
117	GS22			5-	46.497	6-	28.090	
74	Di 08			7-	57.050	8-	33.787	
58	Di 03			1-	38.022	2-	23.347	
39	GS02			3-	30.488	4-	18.809	
019	GI 01			5-	68.375	6-	39.248	
004				7-	19.095	8-	12.007	
185	Di 22			1-	15.182	2-	9.714	
168	Di 15			3-	65.249	4-	37.405	
151	JS04			5-	14.178	6-	8.942	
133	GS30			7-	72.136	8-	41.992	
87	Di 12			1-	146.208	2-	83.081	
071	Di 07			3-	47.995	4-	28.233	
55	Di 01			5-	33.941	6-	20.565	
35	GI 10			7-	28.529	8-	18.237	
				1-		2-		
				3-		4-		
				5-		6-		
				7-		8-		
Blank				3-	-0.079	+ add [4]		-0.078
Std	Low			5-	11.893			
Std	High			7-	64.989			
Stand-	by			8-	-0.057			

HS 2014-16
CHL
GI 01-019

HS 2014-16
CHL
004

HS 2014-16
CHL
GS 33 189

HS 2014-16
CHL
DI 17 171

HS 2014-16
CHL
IS 05 154

HS 2014-16
CHL
GS 32 137

HS 2014-16
CHL
GS 22 117

HS 2014-16
CHL
DI-08 074

HS 2014-16
CHL
DI-03 058

HS 2014-16
CHL
GS 02 039

HS 2014-16
CHL
GI 01-019

HS 2014-16
CHL
004

HS 2014-16
CHL
DI 22 185

HS 2014-16
CHL
DI 15 168

HS 2014-16
CHL
IS 04 151

HS 2014-16
CHL
GS 30 133

HS 2014-16
CHL
DI-12 087

HS 2014-16
CHL
DI-07 071

HS 2014-16
CHL
DI-01 055

HS 2014-16
CHL
GI 10 035

Chlorophyll Data Sheet

Cruise: 2014-16

Page: 3 of 3

Date acetone added: 10 April 2014

Time acetone added: 3:55 p.m.

Date of analysis: 11 Apr 2014

Analyst: Tamar

and Diaper (w) 1:45 p.m.

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-				
STD			LOW	2-	) previous page			
			HIGH	4-				
Blank				6-				
001				1-	23.908	2-	14.818	
14	JF06			3-	39.267	4-	25.265	
35	GI-10			5-	30.236	6-	18.828	
55	DI-01			7-	35.259	8-	21.539	
071	DI-07			1-	51.350	2-	29.960	
87	DI-12			3-	156.544	4-	88.205	
133	GS30			5-	73.817	6-	42.470	
151	JS04			7-	15.105	8-	9.446	
168	DI15			1-	62.661	2-	35.321	
185	DI22			3-	15.991	4-	10.196	
001				5-	22.338	6-	13.811	
14	JF06			7-	38.072	8-	24.312	
				1-		2-		
				3-		4-		
				5-		6-		
				7-		8-		
				1-		2-		
				3-		4-		
				5-		6-		
				7-		8-		
				1-		2-		
				3-		4-		
				5-		6-		
				7-		8-		
Blank				3-	-0.078 + acid [4]		-0.078	
Std	Low			5-	11.971			
Std	High			7-	64.926			
Stand-	by			8-	-0.058			

HS2014-16

CHL

001

HS2014-16

CHL

IF06 0014

HS2014-16

CHL

GI-10 035

HS2014-16

CHL

DI-01 055

HS2014-16

CHL

DI-07 071

HS2014-16

CHL

DI-12 087

HS2014-16

CHL

GS30 133

HS2014-16

CHL

IS04 151

HS 2014-16

CHL

DI 15 158

HS 2014-16

CHL

DI 22 185

HS2014-16

CHL

001

HS2014-16

CHL

IF06 0014