John Morris / High Seas Salmon
Mary Thiess

Chlorophyll Data Sheet

Samples on pages 1 & 2 used 05 Nov 14 90% acetone 90% acetone
samples on page 3 used acetone 25 Nov 14

Cruise: 2014-66
Date acetone added: 25 Nov 14
Date of analysis: 26 Nov 14

Page: 1 of 3
Time acetone added: 10:55 a.m.
out of freezer @ 9:00 a.m.
Analyst: Tamara

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	0.004			
STD			LOW	2-	11.171			
			HIGH	4-	67.232			1st analysis ☑
Blank				6-	0.006 + acid		0.003	new 90% acetone 25 Nov 14
		330	10					
003	JS03			1-	13.397	2-	9.247	
075	IVI09			3-	57.464	4-	34.161	
091	EP05			5-	43.301	6-	25.565	
105B	VI01			7-	34.437	8-	21.111	during error
121A	VI07			1-	56.728	2-	32.047	saint vial broke @ shoulder transferred
141A	T08			3-	32.739	4-	19.228	
156A	T03			5-	33.938	6-	19.505	
179A	RI04			7-	9.396	8-	6.161	~~or 174A?~~
003	JS03			1-	13.441	2-	9.071	
075	IVI09			3-	54.892	4-	34.429	
091	EP05			5-	41.735	6-	24.874	
105A	VI01			7-	34.826	8-	20.287	
121B	VI07			1-	54.209	2-	30.663	
141B	T08			3-	33.092	4-	20.250	
156B	T03			5-	34.078	6-	19.910	
179B	RI04			7-	9.125	8-	6.037	
011	JS07			1-	15.821	2-	9.732	
080	IVI12			3-	62.426	4-	36.899	
094	EP04			5-	39.704	6-	23.808	
108A	VI02			7-	74.419	8-	42.214	
124A	VI08			1-	30.480	2-	17.492	-
144	T07			3-	41.605	4-	23.903	
159A	IBC01			5-	8.950	6-	6.438	
181B	RI05			7-	6.606	8-	5.069	
011	JS07			1	16.061	2	10.018	
080	IVI12			3	62.889	4	37.391	
Blank				~~3-~~				
Std	Low			~~5-~~				
Std	High			~~7-~~				
Stand-	by			8				
094	EP04			5	37.855	6	22.615	

07 Oct - 08 Nov 14

HS 2014-66
JS03
cons#003

HS2014-66
IVI09
cons# 075

HS2014-66
EP05
cons# 091

HS2014-66
VI01
cons# 105B

HS2014-66
VI07
cons#121a

Sample # 141a
Type: CHL
Project: 2014 - 66
Location: T08
Rep: 1
IOS Water Properties

Sample # 156a
Type: CHL
Project: 2014 - 66
Location: T03
Rep: 1
IOS Water Properties

179a
CHL
2014 - 66
RI04

HS 2014-66
JS03
cons#003

HS2014-66
IVI09
cons#075

HS2014-66
EP05
cons#091

HS2014-66
VI01
cons#105A

HS2014-66
VI07
cons#121b

Sample # 141b
Type: CHL
Project: 2014 - 66
Location: T08
Rep: 1
IOS Water Properties

156b
CHL
2014 - 66
T03
1
IOS Water Properties

179b
CHL
2014 66
RI04
1

HS2014-66
JS07
cons# 011

HS2014-66
IVI12
cons# 080

HS2014-66
EP04
cons #094

HS2014-66
VI02
cons#108A

HS2014-66
VI08
cons #124a

Sample # 144
Type: SAL
Project: 2014 - 66
Location: T07
Rep: 1
IOS Water Properties

Sample # 159a
Type: CHL
Project: 2014 - 66
Location: IBC01
Rep: 1
IOS Water Properties

181b
CHL
2014 - 66
RI05
1
IOS Water Proper

HS2014-66
JS07
Cons# 011

HS2014-66
IVI12
cons#080

HS2014-66
EP04
cons#

Chlorophyll Data Sheet

Cruise: 2014-66 Page: 2 of 3

Date acetone added: 25Nov14 Time acetone added: 1:00 p.m.

Date of analysis: 26Nov14 Analyst: Tamara out of freezer @ 11:50 a.m. started reading @ 12:55 pm

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	0.004			
STD			LOW	2-	12.293			
			HIGH	4-	67.002			
Blank				6-	0.001	+acid	0.000	
		330	10					
181A	RIOS			1-	5.979	2-	4.109	
108B	VIO2			3-	77.243	4-	43.244	
124B	VIO8			5-	36.722	6-	20.642	-
144B	TØ7			7-	40.047	8-	22.827	
159B	IBC01			1-	9.827	2-	6.827	
184A	QCST19			3-	18.824	4-	12.585	
147A	TØ7			5-	25.735	6-	15.604	
171B	RIØ1			7-	3.744	8-	3.123	-
082A	IVI 14			1-	77.126	2-	44.400	
021	QCST05			3-	85.478	4-	53.694	
097	EPO3			5-	24.133	6-	14.503	
111B	VIO3			7-	88.499	8-	50.226	
127A	VIO9			1-	29.359	2-	16.808	
184B	QCST19			3-	18.098	4-	11.772	
147B	TØ6			5-	27.617	6-	16.783	
171A	IBCØ			7-	4.271	8-	3.440	-
111A	VIO3			1-	85.789	2-	48.673	
127B	VIO9			3-	27.177	4-	16.229	
021	QCSTO5			5-	78.848	6-	47.121	
082B	IVI 14			7-	85.863	8-	48.757	
097	EPO3			1-	23.495	2-	14.034	
027	QCSTO9			3-	56.922	4-	36.084	
085	EPO7			5-	30.983	6-	19.085	
100? 100a	EPO2			7-	88.355	8-	50.760	
115B	VIO5			1	68.608	2	39.926	
130B	VII0			3	30.293	4	18.171	
Blank				~~3~~-				
Std	Low			~~5~~-				
Std	High			~~7~~-				
Stand-	by			~~8~~-				
150A	TØ5			5	37.757	6	22.433	

Sample # 181a
Type: CHL
Cruise # 2014-66
Sta Name: RI05
Bottle #: 1
IOS Water Properties

HS2014-66
VI02
Cons # 108b

HS2014-66
VI08
Cons # 124b

Sample # 144b
Type: CHL
Cruise # 2014-66
Sta Name: T07
Bottle #: 1
IOS Water Properties

Sample # 159b
Type: CHL
Cruise # 2014-66
Sta Name: IBC01
Bottle #: 1
IOS Water Properties

Sample # 184a
Type: CHL
Cruise # 2014-66
Sta Name: QCST19
Bottle #: 1
IOS Water Properties

Sample # 147a
Type: CHL
Cruise # 2014-66
Sta Name: T07
Bottle #: 1
IOS Water Properties

Sample # 171b
Type: CHL
Cruise # 2014-66
Sta Name: RI01
Bottle #: 1
IOS Water Properties

HS2014-66
IVI14
Cons # 082A

HS2014-66
QCST05
Cons # 021

HS2014-66
EP03
Cons # 047

HS2014-66
VI03
Cons # 111b

HS2014-66
VI09
Cons # 127a

Sample # 184b
Type: CHL
Cruise # 2014-66
Sta Name: QCST19
Bottle #: 1
IOS Water Properties

Sample # 147b
Type: CHL
Cruise # 2014-66
Sta Name: T06
Bottle #: 1
IOS Water Properties

Sample # 171a
Type: CHL
Cruise # 2014-66
Sta Name: IBC0
Bottle #: 1
IOS Water Properties

HS2014-66
VI03
Cons # 111A

HS2014-66
VI09
Cons # 127b

HS2014-66
QCST05
Cons # 021

HS2014-66
IVI14
Cons # 082B

HS2014-66
EP03
Cons # 047

HS2014-66
QCST09
Cons # 027

HS2014-66
EP07
Cons # 085

HS2014-66
EP02
Cons # 100

HS2014-66
VI05
Cons # 115b

HS2014-66
VI10
Cons # 130b

Sample # 150a
Type: CHL
Cruise # 2014-66
Sta Name: T05
Bottle #: 1
IOS Water Properties

Chlorophyll Data Sheet

started reading @ 7pm
out of freezer @ 12:55 a.m

Cruise: 2014-66 Page: 3 of 3

Date acetone added: 25Nov14 Time acetone added: 2:50 pm

Date of analysis: 26Nov14 Analyst: Tamara new bt 90% acetone made up 25Nov14

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	0.005			
STD			LOW	2-	12.312			
			HIGH	4-	66.841			
Blank				6-	0.003	+acid		
		330	10					
174A	RIO2			1-	7.165	2-	5.326	
187A	QCST20			3-	22.025	4-	13.477	
027	QCST09			5-	56.112	6-	35.653	
085	EP07			7-	30.534	8-	18.859	
100	EP02			1-	91.490	2-	51.827	
115A	VI05			3-	66.889	4-	39.080	
130A	VI10			5-	25.922	6-	15.565	
150B	T05			7-	35.578	8-	20.769	
174B	RIO2			1-	7.217	2-	5.413	
187B	QCST20			3-	23.089	4-	14.241	
045	SOG23			5-	15.691	6-	10.795	
088B	EP06			7-	40.983	8-	24.059	
103A	EP01			1-	91.060	2-	52.325	
118B	VI06			3-	73.887	4-	41.508	
133	IVI15			5-	6.061	6-	4.555	
153	T04			7-	45.677	8-	25.479	
174A	RIO3			1-	6.056	2-	4.715	
190A	QCST21			3-	17.524	4-	11.230	-
045	SOG23			5-	13.097	6-	9.076	
088A	EP06			7-	39.190	8-	24.037	
103B	EP01			1-	98.166	2-	56.090	
118A	VI06			3-	72.747	4-	41.202	
133	IVI15			5-	6.019	6-	4.482	
153	T04			7-	44.180	8-	24.532	
176B ~~190B~~	QCST21			1	6.362	2	4.960	-
190B ~~176B~~	RIO3			3	17.440	4	11.244	
Blank				3-	0.004	+acid	0.003	
Std	Low			5-	12.324			
Std	High			7-	66.816			
Stand-	by			8-	0.006			

Sample # 171a
Type: CHL
Cruise # 2014-66
Sta. Name: RI03
Bottle # 1
IOS Water Properties

Sample # 187a
Type: CHL
Cruise # 2014-66
Sta. Name: QCST20
Bottle # 1
IOS Water Properties

HS2014-66
QCST09
cons#027

HS2014-66
EP07
cons#085

HS2014-66
EP02
cons#100

HS2014-66
VI05
cons#115a

HS2014-66
VI10
cons#130a

Sample # 150b
Type: CHL
Cruise # 2014-66
Sta. Name: T05
Bottle # 1
IOS Water Properties

Sample # 174b
Type: CHL
Cruise # 2014-66
Sta. Name: RI02
Bottle # 1
IOS Water Properties

Sample # 187b
Type: CHL
Cruise # 2014-66
Sta. Name: QCST20
Bottle # 1
IOS Water Properties

HS2014-66
SOG23
cons#045

HS2014-66
EP06
cons#088B

HS2014-66
EP01
cons#103A

HS2014-66
VI06
cons#118b

HS2014-66
IV15
cons#133

Sample # 153
Type: CHL
Cruise # HS2014-66
Sta. Name: T04
Bottle #
IOS Water Properties

Sample # 176a
Type: CHL
Cruise # 2014-66
Sta. Name: RI03
Bottle # 1
IOS Water Properties

Sample # 190a
Type: CHL
Cruise # 2014-66
Sta. Name: QCST21
Bottle # 1
IOS Water Properties

HS2014-66
SOG23
cons#045

HS2014-66
EP06
cons#088A

HS2014-66
EP01
cons#103B

HS2014-66
VI06
cons#118A

HS2014-66
IV15
cons#133

Sample # 153
Type: CHL
Cruise # HS2014-66
Sta. Name: T04
Bottle #
IOS Water Properties

Sample # 176b
Type: CHL
Cruise # 2014-66
Sta. Name: RI03
Bottle # 1
IOS Water Properties

Sample # 190b
Type: CHL
Cruise # 2014-66
Sta. Name: QCST21
Bottle # 1
IOS Water Properties