

Chlorophyll Data Sheet

Cruise: 2016-03

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5A leaked ~1ml
@ extraction

Dates of Cruise:

Time and date acetone added: 13 Apr 16 2:10 pm

Analyst: Tamar

Time and date out of freezer: 14 Apr 16 12:12 pm

Time analysis started: 14 Apr 16 1:18 pm

acetone prep'd Jan 16

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	-0.020			
STD			LOW	2-	12.146			
STD			HIGH	4-	66.000			
Blank				6-	-0.018	8-+acid	-0.020	
								DF?
5A	39	330	10	1-	54.443	2-	33.178	x leaked ~1ml
15B	28		10	3-	63.423	4-	37.273	x
8A	46		10	5-	56.854	6-	34.270	x
36B	22		10	7-	104.093	8-	58.822	x
37A	22		10	1-	95.851	2-	53.857	x
7B	39		10	3-	84.338	4-	48.044	x
14A	41		10	5-	53.361	6-	32.149	x
10B	46		10	7-	86.709	8-	48.803	x
6B	39		10	1-	109.017	2-	61.214	x
9B	46		10	3-	105.987	4-	59.925	x
24A	24		10	5-	50.499	6-	29.755	x
15A	28		10	7-	59.657	8-	35.516	
33A	8		10	1-	209.718	2-	111.168	+10 initial ext. volume ml = DF = 2
22A	24		10	3-	44.831	4-	27.198	x
32A	11		10	5-	27.063	6-	15.873	x
9A	46		10	7-	104.180	8-	58.995	x
3A	GEO1		10	1-	68.746	2-	39.670	x
18B	CPF1		10	3-	35.316	4-	22.278	x
35A	22		10	5-	39.877	6-	23.867	x
14B	41		10	7-	52.784	8-	31.927	x
19B	CPF1		10	1-	81.495	2-	47.778	x
17A	28		10	3-	92.077	4-	53.005	x
12B	41		10	5-	65.146	6-	38.004	x
27B	CPF2		10	7-	128.466	8-	70.504	x
Stand-by				1-				
Std	Low			2-				
Std	High			4-				
Blank	by			6-		8-		

5 A CHL 39 20 m 2016-03 Bot 1	15 B CHL 28 20 m 2016-03 Bot 1	8 A CHL 46 20 m 2016-03 Bot 1	36 B CHL 22 10 m 2016-03 Bot 3	37 A CHL 22 surface 2016-03 Bot 4	7 C CHL 39 surface 2016-03 Bot 3	14 A CHL 41 surface 2016-03 Bot 4	10 B CHL 46 surface 2016-03 Bot 3
6 B CHL 39 10 m 2016-03 Bot 2	9 B CHL 46 10 m 2016-03 Bot 2	24 A CHL 24 surface 2016-03 Bot 4	15 A CHL 28 20 m 2016-03 Bot 1	33 A CHL 8 surface 2016-03 Bot 1	22 A CHL 24 20 m 2016-03 Bot 2	32 A CHL 11 surface 2016-03 Bot 4	9 A CHL 46 10 m 2016-03 Bot 2
3 A CHL GEO1 10 m 2016-03 Bot 3	18 B CHL CPF1 20 m 2016-03 Bot 1	35 A CHL 22 20 m 2016-03 Bot 2	14 B CHL 41 surface 2016-03 Bot 4	19 B CHL CPF1 10 m 2016-03 Bot 2	17 A CHL 28 surface 2016-03 Bot 3	12 B CHL 41 20 m 2016-03 Bot 2	27 B CHL CPF2 10 m 2016-03 Bot 3

Feb Line P 2016-01
 Picket Andy 2016-02
 Picket Gauthier 2016-03
 Kelly 2016-09

Chlorophyll Data Sheet

Cruise: 2016-03

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12A leaked ~11ml

Dates of Cruise: Stephane Gauffner Ricker 14 Mar - 27 March 2016

Time and date acetone added: 13 April 4:20 pm Analyst: Tamar

Time and date out of freezer: 14 April 2:25 pm

Time analysis started: 14 April 3:30 pm

acetone prep'd Jan 16

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	-0.021			
STD			LOW	2-	12.064			
STD			HIGH	4-	65.343			
Blank				6-	-0.019	8- +acid	-0.020	
								DF?
7A	39	330	10	1-	81.685	2-	46.215	x
24B	24		10	3-	50.778	4-	29.509	x
5B	39		10	5-	48.447	6-	29.974	x
6A	39		10	7-	105.894	8-	60.338	x
18A	CPE1		10	1-	33.730	2-	20.580	x
23B	24		10	3-	53.641	4-	31.694	x
16A	28		10	5-	220.566	6-	122.399	x
30B	11		10	7-	23.260	8-	14.687	x
12A	41		10	1-	64.658	2-	38.184	x leaked ~1ml
28B	CPE2		10	3-	151.438	4-	81.923	x
10A	46		10	5-	88.653	6-	49.884	x
13A	41		10	7-	71.476	8-	41.223	x
37B	22		10	1-	89.413	2-	51.010	x
26A	CPE2		10	3-	89.467	4-	51.235	x
20A	CPE1		10	5-	75.157	6-	44.073	x
16B	28		10	7-	214.922	8-	117.732	x
31B	11		10	1-	30.818	2-	19.254	x
22B	24		10	3-	46.964	4-	29.254	x
33B	8		10	5-	194.286	6-	105.037	+10 ml just before extraction
4A	GE01		10	7-	90.759	8-	52.358	x
36A	22		10	1-	107.307	2-	60.577	x
26B	CPE2		10	3-	90.257	4-	51.266	x
23A	24		10	5-	49.718	6-	29.344	x
13B	41		10	7-	68.617	8-	40.650	x
Stand-by				1-	-0.021			
Std	Low			2-	12.055			
Std	High			4-	65.229			
Blank	by			6-	-0.019	8- +acid	-0.021	

7. A	24 C	5 B	6 A	18 A	23 B	16 A	30 B
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
39	24	39	39	CPF1	24	28	11
surface	surface	20 m	10 m	20 m	10 m	10 m	20 m
2016-03	2016-03	2016-03	2016-03	2016-03	2016-03	2016-03	2016-03
Bot 3	Bot 4	Bot 1	Bot 2	Bot 1	Bot 3	Bot 2	Bot 2

12 A	28 B	10 A	13 A	37 B	26 A	20 A	16 B
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
41	CPF2	46	41	22	CPF2	CPF1	28
20 m	surface	surface	10 m	surface	20 m	surface	10 m
2016-03	2016-03	2016-03	2016-03	2016-03	2016-03	2016-03	2016-03
Bot 2	Bot 4	Bot 3	Bot 3	Bot 4	Bot 2	Bot 3	Bot 2

31 A	22 C	33 B	4 A	36 A	26 C	23 A	13 B
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
11	24	8	GEO1	22	CPF2	24	41
10 m	20 m	surface	surface	10 m	20 m	10 m	10 m
2016-03	2016-03	2016-03	2016-03	2016-03	2016-03	2016-03	2016-03
Bot 3	Bot 2	Bot 1	Bot 4	Bot 3	Bot 2	Bot 3	Bot 3

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Cruise: 2016-03

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Dates of Cruise:

Time and date acetone added: 12:10 pm 14 Apr 16

Analyst: Tamar

Time and date out of freezer: 10:12 am 15 Apr 16

Time analysis started: 11:17 am 15 Apr 16

acetone prepared Jan 16

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	-0.019			
STD			LOW	2-	12.180			
STD			HIGH	4-	66.405			
Blank				6-	-0.0208- +acid	-0.019		
								DF?
8B	46	330	10	1-	57.245	2-	34.433	X
4B	GEDI		10	3-	94.293	4-	53.605	X
31A	11		10	5-	33.492	6-	20.049	X
2B	GEDI		10	7-	56.296	8-	33.049	X
19A	CPF1		10	1-	83.958	2-	48.576	X
35B	22		10	3-	40.048	4-	24.555	X
30A	11		10	5-	25.401	6-	15.812	X
27A	CPF2		10	7-	126.859	8-	69.522	X
32B	11		10	1-	28.183	2-	16.218	X
20B	CPF1		10	3-	80.474	4-	46.429	X
3B	GEDI		10	5-	71.016	6-	40.974	X
2A	GEDI		10	7-	61.210	8-	36.150	X
28A	CPF2		10	1-	144.711	2-	78.669	X
17B	28		10	3-	98.109	4-	55.948	X
				5-		6-		
				7-		8-		
				1-		2-		
				3-		4-		
				5-		6-		
				7-		8-		
				1-		2-		
				3-		4-		
				5-		6-		
				7-		8-		
Stand-by				1-	-0.019			
Std	Low			2-	12.181			
Std	High			4-	65.691			
Blank	by			6-	-0.019	8- +acid	-0.020	

8 B
CHL
46
20 m
2016-03
Bot 1

4 B
CHL
GEO1
surface
2016-03
Bot 4

31 A
CHL
11
10 m
2016-03
Bot 3

2 A
CHL
GEO1
20 m
2016-03
Bot 2

19 A
CHL
CPF1
10 m
2016-03
Bot 2

35 B
CHL
22
20 m
2016-03
Bot 2

30 B
CHL
11
20 m
2016-03
Bot 2

27 A
CHL
CPF2
10 m
2016-03
Bot 3

32 B
CHL
11
surface
2016-03
Bot 4

20 B
CHL
CPF1
surface
2016-03
Bot 3

3 B
CHL
GEO1
10 m
2016-03
Bot 3

2 A
CHL
GEO1
20 m
2016-03
Bot 2

28 A
CHL
CPF2
surface
2016-03
Bot 4

17 B
CHL
28
surface
2016-03
Bot 3