

Chlorophyll Data Sheet

20ml Acetone
~~4A~~
~~14A~~
~~19A~~
~~21A~~

Cruise:

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Dates of Cruise: 2019-099

Date acetone added: 13 July 19

Date of analysis: 12 July 19

Analyst: J. L. L. S.

Time acetone added: 11:45am

Time out of freezer: 10:20am

Time analysis started: 11:35am

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	0.013			
STD			LOW	2-	10.324			
			HIGH	4-	5.196			
Blank				6-	0.006		0.007	
1A	LSK1	30ml	10ml	1-	153.295	2-	82.103	
3B	LS2			3-	65.434	4-	35.425	
4A	JPN2		20ml	5-	34.585	6-	18.169	
27A	HG8A			7-	11.590	8-	6.558	
6A	JPN4			1-	45.612	2-	24.055	
7A	JPN3			3-	72.309	4-	37.956	
8A	JPN2			5-	59.859	6-	31.688	
9A	JPS1			7-	99.638	8-	51.865	
10A	JPS2			1-	71.274	2-	36.469	
11A	JPS3			3-	53.724	4-	29.570	
12A	JPS4			5-	48.272	6-	26.192	
13A	JPS5			7-	40.977	8-	23.024	
14A	JPS6		20ml	1-	27.463	2-	14.816	
15A	JPS7			3-	12.640	4-	66.738	
16A	BI2			5-	22.201	6-	12.700	
17A	BI1			7-	21.198	8-	11.618	
18A	BI3			1-	77.044	2-	42.302	
19A	SCI7		20ml	3-	24.533	4-	13.350	
20A	SCI2			5-	70.585	6-	38.462	
21A	MT10		20ml	7-	20.301	8-	11.194	
22A	HSC1			1-	52.547	2-	28.359	
23A	MT11			3-	14.911	4-	8.036	
25A	HSC2			5-	46.596	6-	26.904	
26A	HSC3			7-	46.131	8-	26.379	
Blank				3-				
Std	Low			5-				
Std	High			7-				
Stand-	by			8-				

[illegible]

Chlorophyll Data Sheet

Cruise:

Dates of Cruise: 2019-099

Date acetone added: 11 July 19

Date of analysis: 12 Jul 19

Analyst: Julian V

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Time acetone added: 2:06pm

Time out of freezer: 12:14pm

Time analysis started: 1:17pm

20ml Acetone

* 32A
* 148

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	0.011			
STD			LOW	2-	10.392			
			HIGH	4-	56.815			
Blank				6-	0.008		0.008	
27B	H68A			1-	11.929	2-	6.754	
29A	H67			3-	7.502	4-	4.227	
30A	ENF1			5-	74.005	6-	40.619	
31A	ENF2			7-	53.789	8-	30.384	
* 32A	PL1		20ml	1-	14.978	2-	8.378	
33A	Q19			3-	35.025	4-	20.102	
34A	MA03			5-	99.727	6-	55.220	
36	CHAT2			7-	27.112	8-	15.296	
37	CHAT1			1-	142.221	2-	75.683	
38A	JPN1			3-	123.668	4-	64.385	
1B	LSK1			5-	95.799	6-	51.138	
4B	JPN2			7-	68.837	8-	36.265	
5B	JPL1			1-	64.935	2-	33.805	
6B	JPN4			3-	44.137	4-	23.916	
7B	JPN3			5-	70.611	6-	37.216	
8B	JPN2			7-	57.829	8-	30.704	
9B	JPS1			1-	96.259	2-	50.022	
10B	JPS2			3-	71.611	4-	38.109	
11B	JPS3			5-	55.350	6-	30.376	
12B	JPS4			7-	47.385	8-	25.678	
13B	JPS5			1-	44.655	2-	24.074	
* 14B	JPS6		20ml	3-	24.999	4-	13.525	
15B	JPS7			5-	123.327	6-	67.985	
16B	BIQ			7-	21.439	8-	12.294	
Blank	Standby			3-	0.011			
Std	Low			5-	10.275			
Std	High			7-	56.447			
Stand-	by Blank			8-	0.006		0.007	

27B chla HG8A 2019-099 chla B 2019-099 JPN2 4 15B chla JPS7 2019-099	28A chla HG7 2019-099 chla B 2019-099 JPC1 5 16B chla B12 2019-099	30A chla ENF1 2019-099 6B chla JPN4 2019-099	31A chla ENF2 2019-099 7B chla JPN3 2019-099	32A chla PL1 2019-099 8B chla JPN2 2019-099	33A chla Q19 2019-099 9B chla JPS1 2019-099	34A chla MA03 2019-099 10B chla JPS2 2019-099	36 chla CHAT2 2019-099 11B chla JPS3 2019-099	37 chla CHAT1 2019-099 12B chla JPS4 2019-099	37A chla JPN1 2019-099 38A 13B chla JPS5 2019-099	chla B 2019-099 LSK1 EVENT6 1 14B chla JPS6 2019-099
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Chlorophyll Data Sheet

Cruise:

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Dates of Cruise: 2019-09-09

Date acetone added: 15 Jul 19

Date of analysis: 16 Jul 19

Analyst: Sullivan

Time acetone added: 11:58am

Time out of freezer: 10:00am

Time analysis started: 11:55am

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	0.012			
STD			LOW	2-	10.383			
			HIGH	4-	56.595			
Blank				6-	0.009		0.009	
17B	B17	304	Low	1-	21.128	2-	11.636	
18B	B13			3-	83.597	4-	45.419	
19B	SLI2			5-	50.312	6-	27.251	
20B	SLI2			7-	71.558	8-	38.645	
21B	MT10			1-	42.794	2-	23.361	
22B	HSL2			3-	55.956	4-	30.313	
23B	MT11			5-	15.598	6-	8.339	
25B	HSL2			7-	48.272	8-	28.162	
26B	HSL3			1-	41.221	2-	24.946	
28B	H67			3-	7.226	4-	4.092	
30B	ENF1			5-	74.634	6-	41.622	
31B	ENF2			7-	55.018	8-	31.548	
32B	PL1			1-	29.925	2-	16.648	
33B	B19			3-	33.252	4-	19.119	
34B	MA03			5-	100.740	6-	55.929	
38B	JPN1			7-	119.756	8-	62.737	
5	LI1			1-		2-		Samples compromised → No filter papers.
5	JPL1			3-		4-		
				5-		6-		
				7-		8-		
				1-		2-		
				3-		4-		
				5-		6-		
				7-		8-		
Blank				3-	0.008		0.010 0.007	
Std	Low			5-	10.386			
Std	High			7-	56.742			
Stand-	by			8-	0.012			

17B chla BI 1 2019-099	18B chla BI 3 2019-099	19B chla SCI 1 2019-099	20B chla SCI 2 2019-099	21B chla MT 10 2019-099	22B chla 2019-099 HSC 1	23B chla MT 11 2019-099	25B chla HSC 2 2019-099	26B chla HSC 3 2019-099	28B chla HG 7 2019-099	30B chla ENF 1 2019-099
31B chla ENF 2 2019-099	32B chla PL 1 2019-099	33B chla Q 19 2019-099	34B chla MA 03 2019-099	35B chla JPN 1 2019-099 38B	chla A 2019-099 LI 1 Eva 14 3	chla A 2019-099 JPC 1 5				
					SAMPLE compromised		SAMPLE compromised			

↑
No filter
paper