

Chlorophyll Data Sheet

Cruise: 2011-18

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Date acetone added: 21 JUN 2017

Time acetone added: 0800

Date of analysis: 21 JUN 2017 ~ 0800

Analyst: NFB

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by	-		1-5363	0.002			
STD			LOW	2-5364	12.3			
			HIGH	4-5365	67.5			
Blank				6-5400	0.005		5367 0.004	
195B	P4	330	10	1-5368	49.1	2-5369	29.4	4x diluted
197B	P4	330	20	3-5370	43.8	4-5371	24.5	5x diluted
LoopA	P4	330	20	5-5372	65.5	6-5373	37.9	4x diluted
197A	P4	330	20	7-5374	43.9	8-5375	25.2	4x diluted
196A	P4	330	20	1-5376	48.6	2-5377	27.3	4x diluted
195A	P4	330	10	3-5378	47.3	4-5379	27.9	4x diluted
194	P4	330	20	5-5381	34.5	6-5382	20.7	8x diluted
193	P4	330	20	7-5383	54.0	8-5384	30.5	4x diluted
196	P4	330	20	1-5385	42.6	2-5386	24.9	4x diluted
192	P4	330	20	3-5387	56.5	4-5388	33.2	4x diluted
196B	P4	330	20	5-5389	62.0	6-5390	35.8	4x diluted
190A	P4	330	20	7-5391	36.3	8-5392	20.2	8x diluted
188	P4	330	10	1-5393	45.3	2-5394	27.0	4x diluted
189	P4	330	10	3-5395	24.3	4-5396	14.1	4x diluted
191	P4	330	20	5-5397	46.8	6-5398	27.8	4x diluted
185	P4	330	10	7-5399	7.45	8-5400	5.59	
186	P4	330	10	1-5401	16.1	2-5402	12.7	
187	P4	330	10	3-5403	16.1	4-5404	11.7	
99A	P3	330	10	5-5405	41.3	6-5406	23.7	2x diluted
99B	P3	330	10	7-5407	45.8	8-5408	27.1	2x diluted
184	P4	330	10	1-5409	5.30	2-5410	4.02	
LoopB	P2	330	20	3-5411	38.4	4-5412	24.0	4x diluted
98A	P3	330	10	5-5413	33.0	6-5414	19.3	4x diluted
98B	P3	330	10	7-5415	33.0	8-5416	19.4	4x diluted
Blank				3-				
Std	Low			5-				
Std	High			7-				
Stand-	by			8-				

195 β	197 β	<i>P4</i>	197 Δ	196 Δ	195 Δ	194	193
CHL	CHL	<i>CHL</i>	CHL	CHL	CHL	CHL	CHL
P4	P4	<i>Loop</i>	P4	P4	P4	P4	P4
30 m	5 m	<i>A</i>	5 m	15/Max	30 m	0 m	5 m
2014-18	2014-18	<i>2014-18</i>	2014-18	2014-18	2014-18	2014-18	2014-18
Bot 15	Bot 17		Bot 17	Bot 16	Bot 15	Bot 14	Bot 13

196 α	192	190 α	190 β	188	189	191	185
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
P4	P4	P4 β	P4 Δ	P4	P4	P4	P4
15/Max	10 m	20 m	20 m	30 m	25 m	15 m	75 m
2014-18	2014-18	2014-18	2014-18	2014-18	2014-18	2014-18	2014-18
Bot 16	Bot 12	Bot 10	Bot 10	Bot 8	Bot 9	Bot 11	Bot 5

186	187	99 Δ	99 β	184	<i>P2</i>	98 Δ	98 β
CHL	CHL	CHL	CHL	CHL	<i>CHL</i>	CHL	CHL
P4	P4	P3	P3	P4	<i>Loop</i>	P3	P3
50 m	40 m	5 m	5 m	100 m	β	30/Max	30/Max
2014-18	2014-18	2014-18	2014-18	2014-18	<i>2014-18</i>	2014-18	2014-18
Bot 6	Bot 7	Bot 2	Bot 2	Bot 4		Bot 1	Bot 1

Chlorophyll Data Sheet

Cruise: 2014-18

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Date acetone added: 21 JUN 2014

Time acetone added: 0800

Date of analysis: 22 JUN 2014 ~ 1030

Analyst: MB

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-5417	0.000			
STD			LOW	2-5418	12.3			
			HIGH	4-5419	166.7			
Blank				6-5420	0.012	542	0.010	
274	P8	330	10	1-5422	22.7	2-5423	12.8	
272	P8	330	10	3-5424	16.2	4-5425	11.3	
271	P8	330	10	5-5426	23.2	6-5427	12.8	
268	P8	330	10	7-5428	14.2	8-5429	10.0	
273	P8	330	10	1-5430	30.7	2-5431	17.7	
273	P8	330	10	3-5432	26.5	4-5433	15.0	
267	P8	330	10	5-5434	6.77	6-5435	4.93	
269	P8	330	10	7-5436	29.4	8-5437	16.9	
272	P8	330	10	1-5438	13.7	2-5439	9.41	
252	P7	330	10	3-5440	23.9	4-5441	13.73	
270	P8	330	10	5-5442	27.0	6-5443	15.6	
260	P8	330	10	7-5444	3.65	8-5445	2.83	
251A	P7	330	10	1-5446	40.1	2-5447	23.2	
251B	P7	330	10	3-5448	38.1	4-5449	22.1	
252A	P7	330	10	5-5450	22.9	6-5451	13.0	
227B	P6	330	10	7-5452	46.2	8-5453	26.8	2x Diluted
228A	P6	330	10	1-5454	49.7	2-5455	28.9	
228B	P6	330	10	3-5456	49.9	4-5457	29.6	
222A	P5	330	10	5-5458	39.5	6-5459	22.7	4x Diluted
222B	P5	330	10	7-5460	41.4	8-5461	23.4	4x Diluted
227A	P6	330	10	1-5462	46.1	2-5463	27.9	2x Diluted
Long PB	P4	330	70	3-5464	39.6	4-5465	22.4	8x Diluted
221A	P5	330	10	5-5466	33.4	6-5467	19.3	4x Diluted
221B	P5	330	10	7-5468	34.8	8-5469	19.7	4x Diluted
Blank				3-5470	0.015	5471	0.013	
Std	Low			5-5472	12.4			
Std	High			7-5473	67.0			
Stand-	by			8-5474	0.003			

274	272	271	268	273	273	267	269
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
P8	P8	P8	P8	P8	P8	P8	P8
5 m	50 m	5 m	50 m	20/Max	20/Max	75 m	25 m
2014-18	2014-18	2014-18	2014-18	2014-18	2014-18	2014-18	2014-18
Bot 22	Bot 20	Bot 19	Bot 16	Bot 21	Bot 21	Bot 15	Bot 17
					LEASY MATCH		
272	252 B	270	266	251 A	251 B	252 A	227 B
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
P8	P7	P8	P8	P7	P7	P7	P6
50 m	5 m	10 m	100 m	30/Max	30/Max	5 m	30/Max
2014-18	2014-18	2014-18	2014-18	2014-18	2014-18	2014-18	2014-18
Bot 20	Bot 24	Bot 18	Bot 14	Bot 23	Bot 23	Bot 24	Bot 5
228 A	228 B	222 A	222 B	227 A	P+	221 A	221 B
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
P6	P6	P5	P5	P6	P6	P5	P5
5 m	5 m	5 m	5 m	30/Max	30/Max	30/Max	30/Max
2014-18	2014-18	2014-18	2014-18	2014-18	2014-18	2014-18	2014-18
Bot 6	Bot 6	Bot 24	Bot 24	Bot 5	Bot 23	Bot 23	Bot 23