

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2018-39</u>	Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>28</u> <u>5</u> <u>18</u>
Autosal Model: <u>8400 B</u>	Serial Number: <u>68572</u>	
Initial Standby Value: <u>24+6067</u>	Ratio After Standardization: <u>24+6096</u>	
Cell Standardization (Daily)	Standardization Values:	Standard Info.
Conductivity must be ± 0.00001 compared to Standard 	Before: _____ After: <u>4.78</u> Notes: _____	K ₁₅ VALUE: 0.999 <u>83</u> Batch #: <u>P160</u> Batch Date: <u>JULY 20/19</u>
		Bath Temperature: <u>24</u> °C Sample Temperature: <u>22</u> °C Room Temperature: <u>22</u> °C Analyst: <u>H.M.</u>

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
25	LB01		1.78584	1.78585		
64	LB08		1.74084	1.74083		
5032	LB11	Loop	1.76066	1.76071		
86	LB11		1.76145	1.76146		
5035	Loop		1.75135	1.75135		
105	LB14A		1.96760	1.96766	1.96762	
105	LB14B		1.96765	1.96765		
106	LB14		1.96305	1.96304		
107	LB14		1.95488	1.95489		
5041	Loop		1.81735	1.81734		
5045	Loop		1.83395	1.83395		
125	LC11		1.97233	1.97233		
126	LC11A		1.96841	1.96843		
126	LC11B		1.96846	1.96848		
127	LC11		1.96306	1.96306		
128	LC11		1.95421	1.95421		
142	LC11		1.83413	1.83415		
171	LC08		1.76211	1.76209		
5053	Loop		1.75353	1.75355		
50016	Loop	LC02	1.73846	1.73846		
197	LC02		1.74052	1.74052		
5075	Loop		1.80499	1.80500		
255	LG06		1.80519	1.80520		
240	LG06		1.96272	1.96271		
						Final Standby Value:

Notes: _____

240
SAL
LG06
2018-39
Bot #2

25
Sal
LB01
5 m
2018-39
Bot 4

64
Sal
LB08
5 m
2018-39
Bot 10

86
SAL
LB11
5m
2018-39
Bot 11

SD35
Sal
Loop
2018-39

105
A Sal
LB14
1000 m
2018-39
Bot 2

105
B Sal
LB14
1000 m
2018-39
Bot 2

106
Sal
LB14
750 m
2018-39
Bot 3

107
Sal
LB14
500 m
2018-39
Bot 4

SD41
SAL
UN
2018-39

SD45
SAL
2018-39
LOOP
LC11

125
Sal
LC11
1250
2018-39
Bot 2

126A
Sal
LC11
1000
2018-39
Bot 3

126B
Sal
LC11
1000
2018-39
Bot 3

127
Sal
LC11
750
2018-39
Bot 4

128
Sal
LC11
500
2018-39
Bot 5

142
Sal
LC11
5
2018-39
Bot 19

171
Sal
LC08
5
2018-39
Bot 11

SD53
SAL
2018-39
LOOP

2018-39
SD0016
LC02
SAL
loop

197
Sal
LC02
5
2018-39
Bot 7

SD75
SAL
2018-39
LOOP

255
Sal
LG06
5
2018-39
Bot 17

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2018-39</u>	Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>28 5 18</u>
Autosal Model: <u>8406 B1</u>	Serial Number: <u>68572</u>	
Initial Standby Value: _____	Ratio After Standardization: _____	
Cell Standardization (Daily)	Standardization Values:	Standard Info.
Conductivity must be ± 0.00001 compared to Standard 	Before: _____ After: _____ Notes: _____	K ₁₅ VALUE: 0.999 <u>83</u> Batch #: <u>P 160</u> Batch Date: <u>JULY 20/19</u>
		Bath Temperature: <u>24</u> °C Sample Temperature: <u>22</u> °C Room Temperature: <u>22</u> °C Analyst: <u>H. M.</u>

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
5083	L00P		1.84907	1.84905		
296	LBP7		1.81778	1.81778		
277A	LBP7		1.97893	1.97894		
277B	LBP7		1.97894	1.97896		
278A	LBP7		1.97481	1.97484		
278B	LBP7		1.97474	1.97474		
279A	LBP7		1.97173	1.97173		
279B	LBP7		1.97179	1.97178		
280	LBP7		1.96817	1.96814		
281	LBP7		1.96279	1.96279		
282	LBP7		1.95446	1.95447		
283	LBP7		1.95109	1.95112		
284	LBP7		1.94801	1.94803		
285	LBP7		1.94725	1.94725		
286	LBP7		1.94376	1.94374		
287	LBP7		1.94363	1.94362		
288	LBP7		1.94290	1.94288		
289	LBP7		1.93755	1.93753		
290	LBP7		1.92794	1.92795		
291	LBP7		1.91089	1.91087		
292	LBP7		1.87073	1.87078		
293	LBP7		1.86332	1.86335		
294	LBP7		1.82187	1.82186		
295	LBP7		1.81784	1.81786		
						Final Standby Value: _____

Notes: _____

295
Sal
LBP7
10
2018-39
Bot 19

287
Sal
LBP7
175
2018-39
Bot 11

288
Sal
LBP7
150
2018-39
Bot 12

289
Sal
LBP7
125
2018-39
Bot 13

290
Sal
LBP7
100
2018-39
Bot 14

291
Sal
LBP7
75
2018-39
Bot 15

292
Sal
LBP7
50
2018-39
Bot 16

293
Sal
LBP7
30
2018-39
Bot 17

294
Sal
LBP7
20
2018-39
Bot 18

279
Sal
LBP7
1250
2018-39
Bot 3

280
Sal
LBP7
1000
2018-39
Bot 4

281
Sal
LBP7
750
2018-39
Bot 5

282
Sal
LBP7
500
2018-39
Bot 6

283
Sal
LBP7
400
2018-39
Bot 7

284
Sal
LBP7
300
2018-39
Bot 8

285
Sal
LBP7
250
2018-39
Bot 9

286
Sal
LBP7
200
2018-39
Bot 10

5083
512
LBP7
2018-39

296
Sal
LBP7
5
2018-39
Bot 20

277A
Sal
LBP7
2000
2018-39
Bot 1

277B
Sal
LBP7
2000
2018-39
Bot 1

278A
Sal
LBP7
1500
2018-39
Bot 2

278B
Sal
LBP7
1500
2018-39
Bot 2

279A
Sal
LBP7
1250
2018-39
Bot 3

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2018-39</u>	Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>28</u> <u>5</u> <u>18</u>
Autosal Model: <u>B400 A</u>	Serial Number: <u>68572</u>	
Initial Standby Value: _____	Ratio After Standardization: _____	
Cell Standardization (Daily)	Standardization Values:	Standard Info.
Conductivity must be ± 0.00001 compared to Standard 	Before: _____	K ₁₅ VALUE: 0.999 <u>83</u>
	After: _____	Batch #: <u>P 160</u>
	Notes: _____	Batch Date: <u>JULY 20/19</u>
		Bath Temperature: <u>24</u> °C
		Sample Temperature: <u>22</u> °C
		Room Temperature: <u>22</u> °C
		Analyst: _____

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
341	CS 00		1.92486	1.92488		
340	CS 00		1.94006	1.94006		
339			1.94260	1.94260		
338			1.94467	1.94466		
337			1.94601	1.94601		
336			1.94732	1.94731		
335			1.95170	1.95170		
334			1.95517	1.95516		
333			1.96318	1.96319		
332 B			1.96835	1.96834		
332 A			1.96844	1.96842		
331 B			1.97220	1.97220		
331 A			1.97217	1.97217		
330 B			1.97511	1.97513		
330 A			1.97515	1.97513		
329			1.97915	1.97917		
5103	Loop	?	1.84204	1.84203		
5099	Loop		1.80788	1.80788		
326	LBP 3		1.78414	1.78416		
5094	Loop		1.78162	1.78164		
300	LBP 5		1.96666	1.96665		
299	LAP 5		1.97074	1.97077		
5088	Loop		1.81788	1.81787		
5082	Loop		1.82279	1.82279		
						Final Standby Value: _____

Notes: _____

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2018-39</u>	Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>29</u> <u>5</u> <u>18</u>
Autosal Model: <u>8400 B</u>	Serial Number: <u>68572</u>	
Initial Standby Value: _____	Ratio After Standardization: _____	
Cell Standardization (Daily)	Standardization Values:	Standard Info.
Conductivity must be ± 0.00001 compared to Standard 	Before: _____ After: _____ Notes: _____	K ₁₅ VALUE: 0.999 <u>83</u> Batch #: <u># 160</u> Batch Date: <u>July 20/19</u>
		Bath Temperature: <u>24</u> °C Sample Temperature: <u>22</u> °C Room Temperature: <u>22</u> °C Analyst: <u>H.M</u>

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
5140	Loop		1.81086	1.81087		
5152	Loop		1.80417	1.80416		
417	JS		1.77945	1.77947		
5160	Loop		1.64117	1.64115		
437	12		1.78171	1.78171		
435	12		1.71308	1.71309		
456	22		1.44869	1.44872		
470	Geo 1		1.63770	1.63769		
385	CS06		1.81870	1.81870		
5122	Loop		1.83492	1.83491		
371	CS02		1.83975	1.83977		
355B	CS02		1.96828	1.96833		
355A	CS02		1.96830	1.96827		
354	CS02		1.97158	1.97159		
353	CS02		1.97381	1.97382		
351	CS01		1.97461	1.97459		
350	CS01		1.97886	1.97885		
348	CS00		1.82402	1.82400		
347	CS00		1.82402	1.82402		
346	CS00		1.85492	1.85492		
345	CS00		1.86659	1.86661		
344	CS00		1.87141	1.87141		
343	CS00		1.88724	1.88726		
342	CS00		1.90813	1.90816		
						Final Standby Value: _____

Notes: _____

350
Sal
CS01
2000
Bot 1
2018-39

348
Sal
CS00
5
Bot 20
2018-39

347
Sal
CS00
10
Bot 19
2018-39

346
Sal
CS00
20
Bot 18
2018-39

345
Sal
CS00
30
Bot 17
2018-39

344
Sal
CS00
50
Bot 16
2018-39

343
Sal
CS00
75
Bot 15
2018-39

342
Sal
CS00
100
Bot 14
2018-39

385
Sal
CS06
5
Bot 5
2018-39

371
Sal
CS02
5
Bot 20
2018-39

355
Sal
CS02
1000
Bot 4
2018-39

355
Sal
CS02
1000
Bot 4
2018-39

354
Sal
CS02
1250
Bot 3
2018-39

353
Sal
CS02
1500
Bot 2
2018-39

351
Sal
CS01
5
Bot 2
2018-39

5140
Sal
LOOP
2018-39

5152
Sal
LOOP
2018-39

417
Sal
JS
5
Bot 10
2018-39

437
Sal
JS
12
Bot 4
2018-39

435
Sal
JS
12
Bot 2
2018-39

456
Sal
JS
22
Bot 10
2018-39

470
Sal
GEOI
5 m
Bot 10
2018-39