

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2018 40</u>		Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>28</u> <u>11</u> <u>18</u>
Autosal Model: <u>8400 B</u>		Serial Number: <u>AM L</u>	
Initial Standby Value: _____		Ratio After Standardization: _____	
Cell Standaridization (Daily)	Standardization Values:	Standard Info.	Bath Temperature: <u>27</u> °C
Conductivity must be ± 0.00001 compared to Standard 	Before: _____	K ₁₅ VALUE: 0.999 <u>87</u>	Sample Temperature: _____ °C
	After: _____	Batch #: <u>A161</u>	Room Temperature: _____ °C
	Notes: _____	Batch Date: <u>MAY 3/20</u>	Analyst: <u>H.M.</u>

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
978	P4		1.96420	1.96421		
977B			1.96832	1.96831		
992			1.85609	1.85609		
828	EX-C		1.97551	1.97554		
829			1.97347	1.97347		
850	EX-W		1.94342	1.94342		
851			1.93972	1.93972		
852			1.93411	1.93411		
900	EX-N		1.94340	1.94342		
901			1.93905	1.93906		
902			1.93569	1.93569		
851	P26		1.93965	1.94266	1.94270	
748	EX-C		1.94127	1.94126		
749			1.93760	1.93761		
750			1.93470	1.93470		
824			1.98365	1.98365		
825			1.98236	1.98236		
826			1.97791	1.97791		
827			1.97733	1.97733		
						Final Standby Value:

Notes: _____

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2018-46</u>	Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>11</u> <u>10</u> <u>18</u>
Autosal Model: <u>8400B</u>	Serial Number: <u>68572</u>	
Initial Standby Value: <u>24+ 6096</u>	Ratio After Standardization: _____	
Cell Standardization (Daily) Conductivity must be ± 0.00001 compared to Standard	Standardization Values: Before: _____ After: _____ Notes: _____	Standard Info. K ₁₅ VALUE: 0.999 <u>97</u> Batch #: <u>P 161</u> Batch Date: <u>MAT 3/20</u>
		Bath Temperature: <u>24</u> °C Sample Temperature: <u>22</u> °C Room Temperature: <u>22</u> °C Analyst: <u>U.M.</u>

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
13	59		1.80422	1.80420		
5003	IF1		1.84617	1.84616		
72	IF2		1.88316	1.88318		
5008	IF3		1.84081	1.84081		
5009	IF4		1.86400	1.86400		
76	P1		1.94282	1.94292		
99	P2		1.86732	1.86732		
101	P3		1.85471	1.85472		
181	P5		1.84987	1.84989		
153	P4		1.85637	1.85637		
138	P4		1.96349	1.96349		
137B	P4		1.96840	1.96842		
137A	P4		1.96837	1.96840	1.96839	
136B	P4		1.97248	1.97257		
136A	P4		1.97248	1.47	NO SAMPLE - Pump Problems	
135		Nov 29/18	1.97250	1.97251		NEW INSTRUMENT
187A			1.96766	1.96767		
186			1.97125	1.97128		AML
185			1.97485	1.97484		
184A			1.97887	1.97887		
184B			1.97887	1.97887		
5027	Loop	P3	1.85217	1.85216		
183			1.85321	1.85322		
182			1.84818	1.84816		
						Final Standby Value: _____

Notes: _____

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2018-40</u>		Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>20</u> <u>11</u> <u>18</u>
Autosal Model: <u>B400 B</u>		Serial Number: <u>ANL</u>	
Initial Standby Value: _____		Ratio After Standardization: _____	
Cell Standardization (Daily)	Standardization Values:	Standard Info.	Bath Temperature: <u>27</u> °C
Conductivity must be ± 0.00001 compared to Standard 	Before: _____	K ₁₅ VALUE: 0.999 <u>87</u>	Sample Temperature: _____ °C
	After: _____	Batch #: <u>P161</u>	Room Temperature: _____ °C
	Notes: _____	Batch Date: <u>MAY 3/20</u>	Analyst: <u>H.M.</u>

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Notes: _____

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2018-40</u>	Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>27</u> <u>11</u> <u>18</u>
Autosal Model: <u>8400 B</u>	Serial Number: <u>AM2</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>87</u>
	After: _____	Batch #: <u>P161</u>
	Notes: _____	Batch Date: <u>MAY 3/20</u>
		Bath Temperature: <u>27</u> °C
		Sample Temperature: _____ °C
		Room Temperature: _____ °C
		Analyst: <u>H. M.</u>

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
307	P14		1.98264	1.98264		
308			1.98233	1.98234		
309A			1.98148	1.98148		
309B			1.98120	1.98120		
310			1.98045	1.98046		
311			1.97912	1.97910		
312			1.97719	1.97719		
313A			1.97415	1.97419		
313B			1.97441	1.97442		
314			1.97134	1.97133		
315A			1.96733	1.96733		
315B			1.96752	1.96752		
316			1.96321	1.96320		
317			1.95639	1.95638		
318			1.94893	1.94893		
319			1.94515	1.94515		
320			1.94382	1.94382		
321			1.94291	1.94300	1.94294	
322			1.94183	1.94183		
323			1.93676	1.93676		
324			1.92105	1.92104		
325			1.87900	1.87978	1.87876	
326			1.87019	1.87019		
327			1.86902	1.86901		
						Final Standby Value: _____

Notes: _____

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2018-40</u>		Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>27 11 18</u>
Autosal Model: <u>8000 B</u>		Serial Number: <u>AML</u>	
Initial Standby Value: _____		Ratio After Standardization: _____	
Cell Standardization (Daily) Conductivity must be ± 0.00001 compared to Standard	Standardization Values:	Standard Info.	Bath Temperature: <u>27</u> °C
	Before: _____	K ₁₅ VALUE: 0.999 <u>97</u>	Sample Temperature: _____ °C
	After: _____	Batch #: <u>P161</u>	Room Temperature: _____ °C
	Notes: _____	Batch Date: <u>MAY 3/20</u>	Analyst: <u>H.M.</u>

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Notes: _____

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2010-40</u>		Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>27</u> <u>11</u> <u>19</u>
Autosal Model: <u>8400 B</u>		Serial Number: <u>AML</u>	
Initial Standby Value: _____		Ratio After Standardization: _____	
Cell Standardization (Daily) Conductivity must be ± 0.00001 compared to Standard	Standardization Values:	Standard Info.	Bath Temperature: <u>27</u> °C
	Before: _____	K ₁₅ VALUE: 0.999 <u>BT</u>	Sample Temperature: _____ °C
	After: _____	Batch #: <u>P161</u>	Room Temperature: _____ °C
	Notes: _____	Batch Date: <u>MAR 3/20</u>	Analyst: <u>H.M</u>

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
405	P17		1.86530	1.86530		
5060	Loop		1.86533	1.86532		
407	P18		1.98304	1.98305		
408A			1.98246	1.98243		
408B			1.98239	1.98239		
409			1.98108	1.98109		
410			1.97879	1.97880		
429			1.86471	1.86472		
5063	Loop	P19	1.86403	1.86403		
430	P19		1.86402	1.86399		
451A	P20		1.98304	1.98299		
451B			1.98300	1.98300		
452			1.98286	1.98286		
453			1.98224	1.98224		
454			1.98159	1.98153		
455A			1.97849	1.97849		
455B			1.97846	1.97846		
456			1.97385	1.97386		
457			1.97054	1.97052		
458			1.96715	1.96722		
473			1.86447	1.86446		
5073	Loop	P21	1.86361	1.86359		
504	P21		1.86336	1.86335		
						Final Standby Value:

Notes: _____

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2018-40</u>	Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>26</u> <u>11</u> <u>18</u>
Autosal Model: <u>B400 B</u>	Serial Number: _____	
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>87</u> Batch #: <u>P16</u> Batch Date: <u>MAY 31/20</u>
		Bath Temperature: <u>27</u> °C Sample Temperature: _____ °C Room Temperature: _____ °C Analyst: <u>H.M</u>

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
187B	P8		1.96770	1.96770		
188			1.96235	1.96236		
206			1.85133	1.85131		
5032	Loop	P8/P9	1.85082	1.85083		
5033	Loop	P9	1.86044	1.86044		
208	P9		1.86043	1.86046		
209	P10		1.85699	1.85698		
5034	Loop	P10	1.85709	1.85712		
5035	Loop	P11	1.85999	1.85998		
210	P11		1.85984	1.85984		
247B	P12		1.98202	1.98201		
247A			1.98204	1.98205		
248A			1.98082	1.98079		
248B			1.98089	1.98089		
249			1.97862	1.97865		
250A			1.97499	1.97498		
250B			1.97505	1.97503		
251			1.97252	1.97253		
252A			1.96838	1.96838		
252B			1.96836	1.96837		
268			1.86274	1.86275		
5046	Loop		1.86238	1.86237		
5047	Loop		1.86490	1.86491		
306	P13		1.86490	1.86493		
						Final Standby Value: _____

Notes: _____

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2018-40</u>		Cast/Station Name: _____		Analysis Date (dd mmm yyyy): <u>26 11 18</u>	
Autosal Model: _____		Serial Number: _____			
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>87</u>	
		After: _____		Batch #: _____	
		Notes: _____		Batch Date: _____	
				Bath Temperature: <u>27</u> °C	
				Sample Temperature: _____ °C	
				Room Temperature: _____ °C	
				Analyst: <u>1.7</u>	

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
630A	P 26		1.98211	1.98211		
630B			1.98223	1.98222		
631			1.98077	1.98077		
632			1.97844	1.97844		
633			1.97437	1.97436		
634			1.97149	1.97149		
635			1.96772	1.96772		
650			1.86076	1.86075		
711A	EX-F1		1.97835	1.97835		
711B			1.97848	1.97844		
712			1.97437	1.97430		
713			1.96746	1.96746		
714			1.96356	1.96355		
727			1.86076	1.86075		
5113	Loop		1.86109	1.86108		
5117	Loop		1.86396	1.86396		
5118	Loop		1.86429	1.86428		
5119	Loop		1.86423	1.86423		
5120	Loop		1.85975	1.85974		
5121	Loop		1.85720	1.85720		
975	P4		1.97259	1.97260		
976A			1.97258	1.97258		
976B			1.97261	1.97261		
977A			1.96829	1.96830		
						Final Standby Value: _____

Notes: _____

Cruise ID: <u>2018-40</u>		Cast/Station Name: _____		Analysis Date (dd mmm yyyy): <u>26</u> <u>11</u> <u>18</u>	
Autosal Model: <u>8400 B</u>		Serial Number: <u>AML</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: <u>0.999 87</u>		Bath Temperature: <u>27</u> °C
	After: _____		Batch #: <u>P161</u>		Sample Temperature: <u>25</u> °C
	Notes: _____		Batch Date: <u>MAY 3/20</u>		Room Temperature: <u>25</u> °C
				Analyst: <u>H.M.</u>	

Notes: _____