

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2024-019</u>	Cast/Station Name: <u>many</u>	Analysis Date (dd mmm yyyy): <u>30 May 2024</u>
Autosal Model: <u>8400B</u>	Serial Number: <u>73274</u>	
Initial Standby Value: <u>24 + 5984</u>	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>P166</u>
	Notes: _____	Batch Date: <u>6 Apr 2025</u>
		Bath Temperature: <u>24</u> °C
		Sample Temperature: <u>22</u> °C
		Room Temperature: <u>23</u> °C
		Analyst: <u>CI</u>

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
5212	loop 212	5	1.70032	1.70031		
5208	loop 208	5	1.75493	1.75493	1.75494	
465	CS06	5	1.81226	1.81225		
3007	loop 7 105	5	1.71646	1.71648		
12	Havo 59	10	1.73755	1.73753		
118B	LB14	750	1.96439	1.96440	1.96439	unstable readings
119	LB14	500	1.95613	1.95614		
5014	loop 105	5	1.84389	1.84390		
118A	LB14	750	1.96437	1.96436		
33	LB01	5	1.85315	1.85319	1.85322	stopped midway for improper reading
5031	loop 31105	5	1.83439	1.83437		
76	LB08	5	1.82977	1.82976		
5041	LOOP 105	5	1.82846	1.82847		
5046	LOOP 46	5	1.82108	1.82108		
117	LB14	1000	1.96944	1.96945		
138	LC11	1250	1.97317	1.97317		
139A	LC11	1000	1.96991	1.96990		
139B	LC11	1000	1.96988	1.96990		chip in flask mouth
140	LC11	750	1.96320	1.96318		
141	LC11	500	1.95396	1.95395		
205	LC02	5	1.86900	1.86902		
5072	loop 72	5	1.84715	1.84716		
189	LC08	5	1.83704	1.83704		
256	LD08	750	1.96292	1.96293		
257	LD08	500	1.95642	1.95642		
281	LD06	5	1.85634	1.85633		
					Final Standby Value:	
						<u>24 + 5985</u>

Notes: <u>fresh-reg</u>	read 1 <u>1.97871</u>
<u>DWE</u> <u>P23</u>	read 2 <u>1.97870</u>
<u>2024-002</u>	ps: <u>34.5810</u>

Evt #68
 Fresh-Reg
 P23
 2024-002
 2005 m
 bot 1-2

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2024-019</u>	Cast/Station Name: <u>Mary</u>	Analysis Date (dd mmm yyyy): <u>30 May 2024</u>
Autosal Model: <u>8400B</u>	Serial Number: <u>73274</u>	
Initial Standby Value: <u>24+5985</u>	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>P166</u>
	Notes: _____	Batch Date: <u>6 Apr 2025</u>
		Bath Temperature: <u>24</u> °C
		Sample Temperature: <u>22</u> °C
		Room Temperature: <u>23</u> °C
		Analyst: <u>CI</u>

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
5098	LOOP 98	5	1.85277	1.85277		
5134	LOOP 134	5	1.82089	1.82088		
5135	LOOP 105	5	1.82506	1.82510	1.82506	
376	LBP 5	1000	1.96786	1.96786		
394	LBP 3	150	1.94568	1.94566		
5147	LOOP 147	5	1.84129	1.84127		
408	CS00	1000	1.96730	1.96727		
409A	CS00	750	1.96190	1.96193		
409B	CS00	750	1.96193	1.96192		
410	CS00	500	1.95321	1.95323		
411	CS00	400	1.94905	1.94903		
412	CS00	300	1.94385	1.94386		
413	CS00	250	1.94072	1.94071		
414	CS00	200	1.93832	1.93832		
415	CS00	175	1.93663	1.93662		
416	CS00	150	1.93448	1.93447	1.93449	
417	CS00	125	1.92557	1.92560		
418	CS00	100	1.90740	1.90740		
419	CS00	75	1.88036	1.88039		
420	CS00	50	1.84272	1.84270		
421	CS00	30	1.82224	1.82222		
422	CS00	20	1.81891	1.81887		
423	CS00	10	1.81725	1.81728		
424	CS00	5	1.81720	1.81720		1.82944
374	LBP 7	5	1.82931	1.82934	1.82944	Final Standby Value:
365	LBP 7	175	1.94264	1.94266		24+5985

Notes: DWP Frsh - crmp read 1 1.97871
 read 2 1.97871
psu: 34.5814 psu

Ev#68
 Frsh-cmp
 P23
 2024-002
 2005 m
 bot 1-2

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2024-09</u>	Cast/Station Name: <u>namu</u>	Analysis Date (dd mmm yyyy): <u>30 May 2024</u>
Autosal Model: <u>8400B</u>	Serial Number: <u>73274</u>	
Initial Standby Value: <u>24 + 5985</u>	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>P166</u>
	Notes: _____	Batch Date: <u>6 Apr 2025</u>
		Bath Temperature: <u>24</u> °C
		Sample Temperature: <u>22</u> °C
		Room Temperature: <u>23</u> °C
		Analyst: <u>CI</u>

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
364	LBP7	200	1.94344	1.94345		
363	LBP7	250	1.94606	1.94607		
362	LBP7	300	1.94676	1.94676		
361	LBP7	400	1.95092	1.95089		
360	LBP7	500	1.95409	1.95406		
359	LBP7	750	1.96264	1.96265		insert was not fully seated
358	LBP7	1000	1.96755	1.96755		
373	LBP7	10	1.82940	1.82939		
372	LBP7	20	1.83424	1.83426		
371	LBP7	30	1.83520	1.83519		
370	LBP7	50	1.86476	1.86478		insert not seated
369	LBP7	75	1.88896	1.88896		insert not seated
368	LBP7	100	1.92423	1.92423		
367	LBP7	125	1.93610	1.93612		
366	LBP7	150	1.94114	1.94114		
5204	Loop 204	5	1.82114	1.82116		
5183	Loop 183	5	1.81901	1.81901		
5166	Loop 166	5	1.81606	1.81605		
427	CS02	1000	1.96826	1.96823		
428B	CS02	750	1.96281	1.96279		
428A	CS02	750	1.96281	1.96281		
429	CS02	500	1.95431	1.95431		
446	CS02	5	1.82029	1.82024	1.82026	
251	LD11	20	1.83203	1.83201		
252	LD11	10	1.83203	1.83203		Final Standby Value:
253	LD11	5	1.83200	1.83201		<u>24 + 5985</u>

Notes: DWR Fresh reg read 1 1.97862 1.97865
 read 2 1.97866
 psu: 34.5799

Ev1 #68
 Fresh-Reg
 P23
 2024-002
 2005 m
 bot 1-2

5212 Sal LOOP212 2024-019 5 m bot 1	5208 Sal LOOP208 2024-019 m bot 1	465 Sal CS06 2024-019 5 m bot 7	5007 Sal LOOP7 IOS 2024-019 m bot 1	12 Sal Haro 59 2024-019 10 m bot 10	118B Sal LB14 2024-019 750 m bot 3	119 Sal LB14 2024-019 500 m bot 4	5014 Sal LOOP7 IOS 2024-019 m bot 1	118A Sal LB14 2024-019 750 m bot 3
33 Sal LB01 2024-019 5 m bot 4	5031 Sal LOOP31 2024-019 5 m bot 1	76 Sal LB08 2024-019 5 m bot 14	5041 Sal LOOP IOS 2024-019 m bot 1	5046 Sal LOOP46 2024-019 5 m bot 1	117 Sal LB14 2024-019 1000 m bot 2	138 Sal LC11 2024-019 1250 m bot 2	139A Sal LC11 2024-019 1000 m bot 3	139B Sal LC11 2024-019 1000 m bot 3
140 Sal LC11 2024-019 750 m bot 4	141 Sal LC11 2024-019 500 m bot 5	205 Sal LC02 2024-019 5 m bot 7	5072 Sal LOOP72 2024-019 m bot 1	189 Sal LC08 2024-019 5 m bot 11	256 Sal LD08 2024-019 750 m bot 2	257 Sal LD08 2024-019 500 m bot 3	281 Sal LD06 2024-019 5 m bot 8	5098 Sal LOOP98 2024-019 m bot 1
5134 Sal LOOP134 2024-019 m bot 1	5135 Sal LOOP IOS 2024-019 m bot 1	376 Sal LBP5 2024-019 1000 m bot 1	394 Sal LBP3 2024-019 150 m bot 2	5147 Sal LOOP147 2024-019 m bot 1	408 Sal CS00 2024-019 1000 m bot 1	409A Sal CS00 2024-019 750 m bot 2	409B Sal CS00 2024-019 750 m bot 2	410 Sal CS00 2024-019 500 m bot 3
411 Sal CS00 2024-019 400 m bot 4	412 Sal CS00 2024-019 300 m bot 5	413 Sal CS00 2024-019 250 m bot 6	414 Sal CS00 2024-019 200 m bot 7	415 Sal CS00 2024-019 175 m bot 8	416 Sal CS00 2024-019 150 m bot 9	417 Sal CS00 2024-019 125 m bot 10	418 Sal CS00 2024-019 100 m bot 11	419 Sal CS00 2024-019 75 m bot 12
420 Sal CS00 2024-019 50 m bot 13	421 Sal CS00 2024-019 30 m bot 14	422 Sal CS00 2024-019 20 m bot 15	423 Sal CS00 2024-019 10 m bot 16	424 Sal CS00 2024-019 5 m bot 17	374 Sal LBP7 2024-019 5 m bot 17	365 Sal LBP7 2024-019 175 m bot 8	364 Sal LBP7 2024-019 200 m bot 7	363 Sal LBP7 2024-019 250 m bot 6
362 Sal LBP7 2024-019 300 m bot 5	361 Sal LBP7 2024-019 400 m bot 4	360 Sal LBP7 2024-019 500 m bot 3	359 Sal LBP7 2024-019 750 m bot 2	358 Sal LBP7 2024-019 1000 m bot 1	373 Sal LBP7 2024-019 10 m bot 16	372 Sal LBP7 2024-019 20 m bot 15	371 Sal LBP7 2024-019 30 m bot 14	370 Sal LBP7 2024-019 50 m bot 13

Notes: _____