

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2021-036 (cont.)</u>	Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>05 AUG 2021</u>
Autosal Model: <u>8400B</u>	Serial Number: <u>7 3274</u>	
Initial Standby Value: <u>24 + 6026/7</u>	Ratio After Standardization: <u>24 + 6027</u>	
Cell Standardization (Daily)	Standardization Values:	Standard Info.
Conductivity must be ± 0.00001 compared to Standard	Before: <u>5.34</u> After: <u>5.34</u> Notes: <u>-</u>	K_{15} VALUE: 0.999 <u>85</u> Batch #: <u>P163</u> Batch Date: <u>10 April 2022</u>
		Bath Temperature: <u>24</u> °C Sample Temperature: _____ °C Room Temperature: <u>12.0</u> °C Analyst: <u>JW</u>

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
P163	Calibration		1.99976			✓ 34.9943 Bu
P163			1.99976	1.99977		Ran as sample - SAL: →
DWR (3rd case)			1.97920	1.97918		Sal: 34.5899 (over-accepted)
DWR			1.97916	1.97916	Sal: 34.5896	(taken from 3rd case of DWR)
DWR		1.97914	1.97913	1.97913	Sal: 34.5889	extracted from larger jug - need to
DWR		1.97908	1.97912	1.97908	Sal: 34.5878	take averages of each case)
DWR			1.97909	1.97908	Sal: 34.5880	Same as last bottle
DWR			1.97907	1.97906	Sal: 34.5876	
DWR			1.97904	1.97908	Sal: 34.5871	Same as last bottle.
DWR			1.97915	1.97913	Sal: 34.5890	
DWR			1.97917	1.97917	Sal: 34.5895	Same as last bottle.
DWR	2021-036:		1.97910	1.97907	Sal: 34.5883	bottle
207	UN13_10		1.96327	1.96333	1.96334	Cap left off sample
206	"		1.96497	1.96497		"
208	"		1.96039	1.96042		"
205	"		1.96630	1.96630		"
209	"		1.95688	1.95687		
211	"		1.94720	1.94721		
263	END1		1.97650	1.97655	1.97656	
214	UN13_10		1.85934	1.85935		
284	END2		1.98117	1.98119		
210	UN13_10		1.95287	1.95287		
203	"		1.96808	1.96807		
200A	"		1.97233	1.97234		
212	"		1.94238	1.94236		Final Standby Value:
201	"		1.97130	1.97132		<u>24 + 6027</u>

Notes: Bubble remains constant in top left portion of arm (doesn't seem to affect readings)

207
Sal
UN13_10
2021-036
800 m
bot 17

206
Sal
UN13_10
2021-036
900 m
bot 16

208
Sal
UN13_10
2021-036
700 m
bot 18

205
Sal
UN13_10
2021-036
950 m
bot 15

209
Sal
UN13_10
2021-036
600 m
bot 19

211
Sal
UN13_10
2021-036
400 m
bot 21

263
Sal
EN01
2021-036
BTM-25 m
bot 3

214
Sal
UN13_10
2021-036
10 m
bot 24

284
Sal
EN02
2021-036
BTM-25 m
bot 3

210
Sal
UN13_10
2021-036
500 m
bot 20

203
Sal
UN13_10
2021-036
1050 m
bot 13

200A
Sal
UN13_10
2021-036
1350 m
bot 10

212
Sal
UN13_10
2021-036
300 m
bot 22

201
Sal
UN13_10
2021-036
1250 m
bot 11

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2021-026(cont) + 2021-021</u>	Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>05 AUG 2021</u>
Autosal Model: <u>8400 B</u>	Serial Number: <u>73274</u>	
Initial Standby Value: <u>24 + 6027</u>	Ratio After Standardization: <u>—</u>	
Cell Standardization (Daily)	Standardization Values:	Standard Info.
Conductivity must be ± 0.00001 compared to Standard	Before: <u>5.34</u>	K ₁₅ VALUE: 0.999 <u>85</u>
	After: <u>5.34</u>	Batch #: <u>P163</u>
	Notes: <u>—</u>	Batch Date: <u>10 Apr 2022</u>
		Bath Temperature: <u>24</u> °C
		Sample Temperature: _____ °C
		Room Temperature: <u>22</u> °C
		Analyst: <u>UW</u>

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
213	UN13-10		1.87019	1.87025		messed up & didn't capture
240			1.98072	1.98075	1.98076	deleted 3rd reading (accident)
DWR	Case 3.		1.97913	1.97916		Sal: 34.5894 ✓
10	59	Start 2021-021	1.84881	1.84885		
25	102		1.94474	1.94475		
40	75		1.94396	1.94399		
54	72		1.94316	1.94317		
68	69		1.94105	1.94108		
80	2dcp.		1.88873	1.88873		
90	65		1.87350	1.87351		
100	62		1.86622	1.86623		
111	56		1.84350	1.84357	1.84352	deleted 2nd reading
125	46		1.79821	1.79819		
137	42		1.79694	1.79693		
154	39		1.80032	1.80035		
171	27		1.79573	1.79570		
196	2		1.79431	1.79432		
211	3		1.79878	1.79878		
231	6		1.78807	1.78809		
244	9		1.78861	1.78864		
256	12		1.78401	1.78403		
273	14		1.78455	1.78461	1.78461	
289	16		1.75761	1.75762		
DWR	case 3		1.97910	1.97908		
						Final Standby Value: <u>24 + 6027</u>

Notes: See prev. page notes.

213 Sal UN13_10 2021-036 100 m bot 23	240 Sal UN13_01 2021-036 BTM-25 m bot 3	10 Sal 59 2021-021 200 m bot 2	25 Sal 102 2021-021 250 m bot 2	40 Sal 75 2021-021 200 m bot 2	54 Sal 72 2021-021 175 m bot 2	68 Sal 69 2021-021 150 m bot 2	80 Sal adcp 2021-021 100 m bot 2
90 Sal 65 2021-021 100 m bot 2	100 Sal 62 2021-021 125 m bot 2	111 Sal 56 2021-021 200 m bot 2	125 Sal 46 2021-021 150 m bot 2	137 Sal 42 2021-021 300 m bot 2	154 Sal 39 2021-021 350 m bot 2	171 Sal 27 2021-021 300 m bot 2	
196 Sal 2 2021-021 250 m bot 2	211 Sal 3 2021-021 300 m bot 2	231 Sal 6 2021-021 175 m bot 2	244 Sal 9 2021-021 150 m bot 2	256 Sal 12 2021-021 300 m bot 2	273 Sal 14 2021-021 300 m bot 2	289 Sal 16 2021-021 125 m bot 2	