

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2021-069 (cont.)</u>	Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>17 AUG 2021</u>
Autosal Model: <u>8400B</u>	Serial Number: <u>7 3274</u>	
Initial Standby Value: <u>24 + 6015</u>	Ratio After Standardization: <u>24 + 6015</u>	
Cell Standardization (Daily)	Standardization Values:	Standard Info.
Conductivity must be ± 0.00001 compared to Standard 	Before: <u>5.20</u> After: <u>5.20</u> Notes: <u>No Change</u>	K ₁₅ VALUE: 0.999 <u>85</u> Batch #: <u>P163</u> Batch Date: <u>10 Apr 2022</u>
		Bath Temperature: <u>24</u> °C Sample Temperature: <u>22.1</u> °C Room Temperature: <u>22.1</u> °C Analyst: <u>JW</u>

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
P163	Calibration		1.99975	1.99974		Accepted Ratio
P163	Ran as Sample		1.99974	1.99976		Sal: 34.9743 ✓
DWR	Case 1		1.97828	1.97831		
172	Juan 2	2021-069 cont.	1.85298	1.85302		outer lid not on tight
165	"		1.90603	1.90603		" " " " "
179	"		1.82723	1.82730	1.82720	" " " " "
136	MS01		1.84608	1.84614		* computer retry.
163	LOOP		1.83512	1.83519		
196	JPS4		1.90699	1.90703		
130	MS01		1.93878	1.93878		outer lid not on tight
211	JPS4		1.82667	1.82678		
127	CT01		1.80510	1.80510		
234	SRN1		1.85530	1.85530		
193	JPS1		1.83002	1.83004		
256	SC61		1.84345	1.84347		outer lid not on tight
142	MS01		1.82665	1.82666		
262	SC61		1.43395	1.43400		outer lid not on tight
242	LOOP		1.80439	1.80437		
219	JPS7		1.85325	1.85330		
205	JPS4		1.85083	1.85069	1.85080	
228	SRN1		1.94510	1.94512		
214	JPS7		1.90580	1.90580		
246	SC61		1.90889	1.90893		
225	JPS7		1.82098	1.82097		
187	JPS1		1.85679	1.85680		Final Standby Value:
240	SRN1		1.80608	1.80608		<u>24 + 6015/6</u>

Notes: Same bubble @ top L of main arm (doesn't seem to cause reading issues); "computer retry" = error message - clicked retry (almost disconnected)

172
Sal
Juan2
2021-069
50 m
bot 9

165
Sal
Juan2
2021-069
b-5 m
bot 2

179
Sal
Juan2
2021-069
0 m
bot 16

136
Sal
MS01
2021-069
50 m
bot 8

LOOP
SAL
2021-069
163

196
Sal
JPS4
2021-069
b-5 m
bot 2

130
Sal
MS01
2021-069
b-5 m
bot 2

211
Sal
JPS4
2021-069
0 m
bot 17

127
Sal
CI01
2021-069
0 m
bot 13

234
Sal
SRN1
2021-069
50 m
bot 8

193
Sal
JPS1
2021-069
0 m
bot 13

256
Sal
SC61
2021-069
50 m
bot 12

142
Sal
MS01
2021-069
0 m
bot 14

262
Sal
SC61
2021-069
0 m
bot 18

242
SAL
loop
2021-069

219
Sal
JPS7
2021-069
50 m
bot 7

205
Sal
JPS4
2021-069
50 m
bot 11

228
Sal
SRN1
2021-069
b-5 m
bot 2

214
Sal
JPS7
2021-069
b-5 m
bot 2

246
Sal
SC61
2021-069
B-5 m
bot 2

225
Sal
JPS7
2021-069
0 m
bot 13

187
Sal
JPS1
2021-069
50 m
bot 7

240
Sal
SRN1
2021-069
0 m
bot 14

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2021-069 (cont.)</u>	Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>17 AUG 2021</u>
Autosal Model: <u>8400 B</u>	Serial Number: <u>73274</u>	
Initial Standby Value: <u>24 + 6015</u>	Ratio After Standardization: <u>24 + 6015</u>	
Cell Standardization (Daily)	Standardization Values:	Standard Info.
Conductivity must be ± 0.00001 compared to Standard 	Before: <u>5.20</u> After: <u>5.20</u> Notes: <u>—</u>	K ₁₅ VALUE: 0.999 <u>85</u> Batch #: <u>P163</u> Batch Date: <u>10 Apr 2022</u>
		Bath Temperature: <u>24</u> °C Sample Temperature: _____ °C Room Temperature: <u>21.9</u> °C Analyst: <u>clw</u>

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
182	JPS1		1.88456	1.88457		
DWR	Cas 1		1.97826	1.97825		Sol: 34.5718 ✓
365	OGCH50		1.83227	1.83227		
322	CHAT 2		1.87637	1.87639		
312	Doug 11		1.83710	1.83713		insert not fully pushed in
377	OGCH50		1.13075	1.13076		
343	CH21		1.82465	1.82467		
304	DOUG 11		1.89577	1.89578		
349	CH21		1.05767	1.05765		
286	Kit 1		1.89188	1.89190		outer cap not on tight. 
362	MP55		1.29878	1.29877		
319	Doug 11		0.20793	0.20793		inner insert not fully pushed down.
277	FOC 1		1.84190	1.84190		
352	MP55		1.85866	1.85865		
329			1.77865	1.77866		
269	FOC 1		1.89725	1.89729		
338	CH21		1.86962	1.86962		
284	FOC 1		0.15725	0.15726		
336			1.79716	1.79718		
431	CH16		1.21327	1.21327		
334	CHAT 2		1.40065	1.40066		
430	CH16		1.70244	1.70244		
327			1.81357	1.81361		
370	OGCH50		1.80777	1.80777		outer cap not fully on tight
328	CHAT 2		1.81385	1.81385		Final Standby Value:
356	MP55		1.81429	1.81427		<u>24 + 6015/6</u>

Notes: Same as prev. page.

182
Sal
JPS1
2021-069
b-5 m
bot 2

365
Sal
OGCH50
2021-069
b-5 m
bot 2

322
Sal
CHAT2
2021-069
b-5 m
bot 2

312
Sal
Doug11
2021-069
50 m
bot 10

377
Sal
OGCH50
2021-069
0 m
bot 14

343
Sal
CH21
2021-069
50 m
bot 7

304
Sal
Doug11
2021-069
b-5 m
bot 2

349
Sal
CH21
2021-069
0 m
bot 13

286
Sal
Kit1
2021-069
B-5 m
bot 1

362
Sal
MP55
2021-069
0 m
bot 12

319
Sal
Doug11
2021-069
0 m
bot 17

277
Sal
FOC1
2021-069
50 m
bot 10

352
Sal
MP55
2021-069
b-5 m
bot 2

SAL
2021-069
329
BOT 9

269
Sal
FOC1
2021-069
b-5 m
bot 2

338
Sal
CH21
2021-069
b-5 m
bot 2

284
Sal
FOC1
2021-069
0 m
bot 17

SAL
2021-069
336
bot 16

431
Sal
CH16
2021-069
5 m
bot 12

334
Sal
CHAT2
2021-069
0 m
bot 14

430
Sal
CH16
2021-069
10 m
bot 11

SAL
2021-069
327
BOT 7

370
Sal
OGCH50
2021-069
50 m
bot 7

328
Sal
CHAT2
2021-069
50 m
bot 8

356
Sal
MP55
2021-069
50 m
bot 6

3
sion

00001 

↑ slightly low

Version: 20 April 2016 WaterProperties.ca

SFC-2

SFC-4

SFC-1

SFC-3

SFC-5