

Cruise ID: <u>Calibration</u>		Cast/Station Name: _____		Analysis Date (dd mmm yyyy): <u>24 Jul 2019</u>	
Autosal Model: <u>24+6006</u> ↙		Serial Number: <u>68572</u>			
Initial Standby Value: <u>84003</u>		Ratio After Standardization: _____			
Cell Standardization (Daily)	Standardization Values:	Standard Info.		Bath Temperature: <u>24</u> °C	
Conductivity must be ± 0.00001 compared to Standard ↗	Before: <u>5.10</u>	K ₁₅ VALUE: <u>0.99987</u>		Sample Temperature: <u>22.9</u> °C	
	After: <u>5.10</u>	Batch #: <u>P161</u>		Room Temperature: <u>22.9</u> °C	
	Notes: _____	Batch Date: <u>3 May 2020</u>		Analyst: <u>JS + KS</u>	

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WaterProperties.ca

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2019-016</u>	Cast/Station Name: <u>Various</u>	Analysis Date (dd mmm yyyy): <u>24 Jul 2019</u>
Autosal Model: <u>8400B</u>	Serial Number: <u>68572</u>	
Initial Standby Value: <u>24 + 6006</u>	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 Batch #: _____ Batch Date: _____
		Bath Temperature: <u>24</u> °C Sample Temperature: <u>22.9</u> °C Room Temperature: <u>22.9</u> °C Analyst: _____

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
262	42		1.62729	1.62729		
5	B55		1.72575	1.72579	1.72572	Deleted 2nd reading
265	46		1.77074	1.77076	1.77075	Deleted 1st read
19	B5 22		1.73930	1.73930		
320	75		1.93702	1.93704		
289	56		1.73268	1.73272	1.73274	Deleted 3rd read
332	75		1.71487	1.71488		
13	B5 5		1.72866	1.72867		
382	62		1.81229	1.81229		
7	B5 5		1.72452	1.72451		
DWR			1.97880	1.97880		
DWR			1.97883	1.97887	1.97887	
275	46		1.44395	1.44395	1.44396	
367	ADCP		1.79863	1.79864	1.79864	Deleted 1st read.
345	72		1.79903	1.79903		
357	69		1.74865	1.74865		
377	65		1.79898	1.79893		
291	59		1.81892	1.81893		
359	ADCP		1.83546	1.83549		
391	62		1.79604	1.79605		
DWR			1.97880	1.97880	1.97882	
DWR			1.97880	1.97880	1.97881	
369	65		1.82647	1.82649		
277	56		1.79939	1.79939		
318	102		1.70504	1.70504		
DWR			1.97877	1.97878	1.97880	
			Final Standby Value: _____			

Notes: _____

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2019-016</u>	Cast/Station Name: <u>Various</u>	Analysis Date (dd mmm yyyy): <u>25 Jul 2019</u>
Autosal Model: <u>8400B</u>	Serial Number: <u>69572</u>	
Initial Standby Value: <u>24 + 6006</u>	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 Batch #: _____ Batch Date: _____
		Bath Temperature: <u>24</u> °C Sample Temperature: <u>22.9</u> °C Room Temperature: <u>22.9</u> °C Analyst: <u>JS</u>

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
304	59		1.76627	1.76627		Cap loose
334	72		1.92711	1.92712		
306	102		1.93798	1.93798		
347	69		1.91079	1.91080		
DWR			1.97879	1.97880	1.97880	
1	SI		1.78003	1.78000	1.78000	Deleted 1st read.
150	9		1.77768	1.77769		
94	VAN 1		1.75923	1.75923	1.75908	Deleted 3rd read - bubble
207	2		1.65257	1.65258		
231	39		1.80610	1.80611		
173	6		1.71392	1.71391		
132	14		1.73714	1.73714		
108	16		1.77821	1.77822		
48	IND 7		1.61774	1.61775		5 flushes due to bubble.
189	3		1.66115	1.66115		
162	6		1.77380	1.77379		
42	IND 8		1.61552	1.61552		
86	VAN 4		1.71080	1.71089		
226	27		1.62475	1.62474		
246	39 39		1.50905	1.50906		Flush x2 between due to bubble
248	42		1.79855	1.79857	1.79856	Keeping roll
119	14		1.78660	1.78661		
160	9		1.70454	1.70454		
175	3		1.80585	1.80585		
194	2		1.79948	1.79947		
DWR			1.97876	1.97877	1.97878	

Notes: _____

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2019-016</u>		Cast/Station Name: <u>Various</u>	Analysis Date (dd mmm yyyy): <u>25 Jul 2019</u>
Autosal Model: <u>8400B</u>		Serial Number: <u>68572</u>	
Initial Standby Value: <u>24 + 6006</u>		Ratio After Standardization: _____	
Cell Standardization (Daily) Conductivity must be ± 0.00001 compared to Standard	Standardization Values:	Standard Info.	Bath Temperature: <u>24</u> °C
	Before: _____	K_{15} VALUE: <u>0.999</u>	Sample Temperature: <u>22.9</u> °C
	After: _____	Batch #: _____	Room Temperature: <u>22.9</u> °C
	Notes: _____	Batch Date: _____	Analyst: _____

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Notes: _____

Cruise ID:	Cast/Station Name:						Analysis Date (dd mmm yyyy)		
262	5	265	19	320	289	332	13	382	7
SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL
Stn 42	BS 5	Stn 46	BS 22	Stn 75	Stn 56	Stn 75	BS 5	Stn 62	BS 5
2019-016	2019-016	2019-016	2019-016	2019-016	2019-016	2019-016	2019-016	2019-016	2019-016
Bot 16	Bot 6	Bot 2	Bot 1	Bot 2	Bot 14	Bot 14	Bot 1	Bot 2	Bot 1
275	367	345	357	377	291	359	391	369	277
SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL
Stn 46	Stn ADCP	Stn 72	Stn 69	Stn 65	Stn 59	Stn ADCP	Stn 62	Stn 65	Stn 56
2019-016	2019-016	2019-016	2019-016	2019-016	2019-016	2019-016	2019-016	2019-016	2019-016
Bot 12	Bot 10	Bot 13	Bot 12	Bot 10	Bot 2	Bot 2	Bot 11	Bot 2	Bot 2
318	304	334	306	347	1	150	94	207	231
SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL
Stn 102	Stn 59	Stn 72	Stn 102	Stn SI	Stn 9	VAN 1	2	Stn 39	Stn 39
2019-016	2019-016	2019-016	2019-016	2019-016	2019-016	2019-016	2019-016	2019-016	2019-016
Bot 14	Bot 15	Bot 2	Bot 2	Bot 1	Bot 2	Bot 2	Bot 15	Bot 2	Bot 2
173	132	108	48	189	162	42	86	226	246
SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL
Stn 6	14	16	IND 7	Stn 3	Stn 6	IND 8	VAN 4	27	Stn 39
2019-016	2019-016	2019-016	2019-016	2019-016	2019-016	2019-016	2019-016	2019-016	2019-016
Bot 13	Bot 15	Bot 2	Bot 2	Bot 16	Bot 2	Bot 2	Bot 2	Bot 16	Bot 17
248	119	160	175	194	117	134	212	56	
SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	
Stn 42	14	Stn 9	Stn 3	2	16	12	27	VAN 6	
2019-016	2019-016	2019-016	2019-016	2019-016	2019-016	2019-016	2019-016	2019-016	
Bot 2	Bot 2	Bot 12	Bot 2	Bot 2	Bot 11	Bot 2	Bot 2	Bot 2	
Final Standby Value:									

Notes: _____