

$$K_{15} \times 2 = 1.99974$$

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>Calibration</u>	Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>17 07 2019</u>
Autosal Model: <u>8400B</u>	Serial Number: <u>68572</u>	
Initial Standby Value: <u>24 + 6029</u>	Ratio After Standardization: <u>24 + 6018</u>	
Cell Standardization (Daily)	Standardization Values:	Standard Info.
Conductivity must be ± 0.00001 compared to Standard	Before: <u>5.32</u> After: <u>5.22</u> Notes: _____	K_{15} VALUE: <u>0.99987</u> Batch #: <u>P161</u> Batch Date: <u>03 May 2020</u>
		Bath Temperature: <u>24</u> °C Sample Temperature: <u>20.7</u> °C Room Temperature: <u>20.7</u> °C Analyst: <u>KS and JS</u>

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
P161			1.99982	2 not accepted		Calibration #1
P161			1.99976	accepted		same bottle as above
P162	$K_{15} \times 2 = 1.99966$		1.99967	accepted		checked cal with different
P162	1.99966 PSU = 34.993		1.99967	1.99968		batch
	Linearity Check					2 ran as sample to confirm 34.9934
10L19			0.64120	0.64119		PSU: 9.996 $\rightarrow$ 9.9984
30L19			1.74321	1.74321	1.74322	PSU: 30.005 $\rightarrow$ 30.0050
P162			1.99965	1.99965		PSU: 34.993 $\rightarrow$ 34.9929
38H15			2.15176	2.15175		PSU: 38.005 $\rightarrow$ 38.0070
	Drift Check					
301	2019-001		1.97981	1.97981		34.6030
301	-5m P25		1.97980	1.97980		34.6026
301	2005 m		1.97980	1.97979		34.6028
301	Niskin 1,23		1.97981	1.97980		34.6030
301	samples 299, 300, 301		1.97978	1.97979		34.6028
301			1.97978	1.97978		34.6026
301			1.97979	1.97978		34.6028
301			1.97978	1.97978		34.6027
301			1.97978	1.97979		34.6027
301			1.97978	1.97978		34.6025
						Final Standby Value: _____

Notes:

Deep Water Reference.
 $\rightarrow$ Ran consecutively to check for any drift.

[illegible]Version: 20 April 2016

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2019-009</u>		Cast/Station Name: <u>Various</u>	Analysis Date (dd mmm yyyy):
Autosal Model: <u>8400B</u>		Serial Number: <u>68572</u>	<u>17</u> <u>07</u> <u>2019</u>
Initial Standby Value: <u>24 + 6018</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: _____	K ₁₅ VALUE: <u>0.999</u>	Sample Temperature: <u>21.8</u> °C
	After: _____	Batch #: _____	Room Temperature: <u>21.8</u> °C
	Notes: _____	Batch Date: _____	Analyst: <u>KS</u>

[illegible]

Notes: _____