**Before doing anything, record a) and b) and then standardize.

Cruise ID: 2006-18 11:20

AUTOSAL SALINITY ANALYSIS

(2)

Date of analysis: DEC 27/06

AutoSal. model: **8400B**

Serial No. **68572**

a) Initial Standby (Ratio) value: **24+** 6040	**Standaridization:** (is the conductivity	**Vial information**
b) Initial standard dial value(inside little rectangle):	+/- 0.00001 compared to standard?) check a box below	K_{15} Value:
Initial standard outside dial value:	☐ Yes- no adjustment of standard dial required	Batch # same
c) Standby ratio after standardization	☐ No- standard dial adjusted to: (record below)	Batch Date:
(if changed): **24+**	outside dial #: / inside dial #:	
d) Final Standby value (at end): **24+**		

Bath temperature: 24

Sample temperature: 21.5

Room temperature: 22

Analyst: MS

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1306	LSB-1		1.8 0385	0385	
1307-1			1.7 9022	9021	
1307-2			1.7 9034	9035	to get correction value I did.
1308	BEW-11		1.8 6754	6754	calibration check
1309			1.8 6813	6812	→ standard seawater read: 1.99958
1310			1.8 6437	6437	
1311			1.8 5340	5340	1.99957
1312-1			1.8 4405	4405	no standarizing needed.
1312-2			1.8 4413	4413	but obtained correction value.
1313			1.8 3275	3275	
1314	▽		1.8 3084	3083	
1315	BEW-10		1.9 1329	1329	
1316			1.9 1258	1258	
1317			1.9 1221	1221	
1318			1.9 1115	1115	
1319			1.9 0080	0080	
1320			1.8 7171	7171	
1321			1.8 3773	3772	
1322	▽		1.8 3744	3744	
1323	BEW-9		1.9 7326	7325	-4 fluoro
1324			1.9 7024	7024	
1325			1.9 6769	6769	
1326			1.9 6249	6249	
1327	▽		1.9 5928	5928	

**Before doing anything, record a) and b) and then standardize.

Cruise ID: 2006-18

AUTOSAL SALINITY ANALYSIS ③

12:50 pm -Lunch-

Date of analysis: Dec 27/06
AutoSal. model: 8400B
Serial No. 68572
Bath temperature: 24
Sample temperature: 21.5
Room temperature: 22.5
Analyst: MS

a) Initial Standby (Ratio) value: 24+ 6039
b) Initial standard dial value(inside little rectangle):
Initial standard outside dial value:
c) Standby ratio after standardization
(if changed): 24+
d) Final Standby value (at end): 24+

Standaridization: (is the conductivity +/- 0.00001 compared to standard?) check a box below
☐ Yes- no adjustment of standard dial required
☐ No- standard dial adjusted to: (record below)
outside dial #:
inside dial #:

Vial information
K_{15} Value:
Batch # [illegible]
Batch Date:

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
13 28-1	BEW-09		1.9 5258	5258	
28-2			1.9 5298	5298	x salt on ring - would not seal
29			1.9 4889	4889	
1330			1.9 3945	3945	
31			1.9 3228	3228	
32			1.9 2911	2911	
33			1.9 2236	2235	
34			1.9 1774	1774	
35			1.9 1331	1331	
36			1.9 0657	0657	
37			1.8 9216	9216	
38-1			1.8 8091	8090	
38-2			1.8 8090	8091	
39			1.8 5638	5638	
1340			1.8 5802	5802	*
41	↓		1.8 3313	3313	
1342-1	BEW08		1.9 7443	7444	
42-2			1.9 7744	7444	
43			1.9 7473	7473	
44			1.9 7451	7457	7456
45			1.9 7380	7380	
46			1.9 7220	7222	
47			1.9 6934	6934	
48	↓		1.9 6530	6530	

**Before doing anything, record a) and b) and then standardize.

AUTOSAL SALINITY ANALYSIS

Cruise ID: 2006-18

2 pm

a) Initial Standby (Ratio) value: 24+ 6039	Standaridization: (is the conductivity	Vial information	Date of analysis: Dec 27/06
b) Initial standard dial value(inside little rectangle):	+/- 0.00001 compared to standard?) check a box below	K_{15} Value:	AutoSal. model: 8400B
Initial standard outside dial value:	☐ Yes- no adjustment of standard dial required	Batch # Same	Serial No. 68572
c) Standby ratio after standardization	☐ No- standard dial adjusted to: (record below)	Batch Date:	Bath temperature: 24
(if changed): 24+	outside dial #:	inside dial #:	Sample temperature: 22.
d) Final Standby value (at end): 24+			Room temperature: 22.6
			Analyst: MS

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1349	BEW-08		1.9 6442	6442	
50			1.9 5986	5986	
51			1.9 5606	5607	
52			1.9 5287	5287	
53-1			1.9 4831	4831	
53-2			1.9 4842	4840	
54			1.9 4533	4533	
55			1.9 3914	3914	
56			1.9 3222	3222	
57			1.9 2504	2504	
58			1.9 1427	1426	
59			1.9 0463	0462	
60			1.8 9191	9191	
61			1.8 7519	7519	
62			1.8 5325	5325	
63	↓		1.8 4416	4416	
64	BEW-07		1.9 7454	7453	
65			1.9 7433	7433	
66			1.9 7435	7435	
67			1.9 7376	7376	
68			1.9 7138	7138	
69-1			1.9 6879	6878	
69-2			1.9 6878	6878	
70	↓		1.9 6438	6438	

**Before doing anything, record a) and b) and then standardize.

Cruise ID: 2006-18

AUTOSAL SALINITY ANALYSIS

(5)

Date of analysis: Dec 27/06

AutoSal. model: **8400B**

Serial No. **68572**

Bath temperature: 24

Sample temperature: 22

Room temperature: 22.7

Analyst: MS

a) Initial Standby (Ratio) value: **24+** 6039

b) Initial standard dial value (inside little rectangle):

Initial standard outside dial value:

c) Standby ratio after standardization (if changed): **24+**

d) Final Standby value (at end): **24+**

Standaridization: (is the conductivity +/- 0.00001 compared to standard?) check a box below

☐ Yes- no adjustment of standard dial required

☐ No- standard dial adjusted to: (record below)

outside dial #:

inside dial #:

Vial information

K_{15} Value:

Batch # a

Batch Date:

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1371	BEW-07		1.9 6079	6079	
1372	"		1.9 5341	5341	
1373	"		1.9 4358	4358	
1374	"		1.9 3885	3884	
1375	"		1.9 3753	3753	
1376	"		1.9 3127	3128	
1377	"		1.9 2497	2497	
1378	"		1.9 2158	2158	
1379	"		1.9 1175	1175	
1380	"		1.9 0192	0192	
1381	"		1.8 9089	9089	
1382	"		1.8 8160	8160	
1383	"		1.8 6824	6824	
1384	"		1.8 6281	6281	
1385-1	"		1.8 3979	3979	
1385-2	"		1.8 3982	3982	
1386	BEW-06		1.9 7455	7454	4 flushes
1387-1	"		1.9 7487	7487	
1387-2	"		1.9 7442	7442	
1388	"		1.9 7459	7459	
1389	"		1.9 7488	7488	
1390	"		1.9 7515	7515	
1391	"		1.9 7456	7455	
1392	"		1.9 7410	7410	

Before doing anything, record a) and b) and then standardize.

Cruise ID: 2006-16 4:20

AUTOSAL SALINITY ANALYSIS (6)

Date of analysis: 3c27/06

AutoSal. model: **8400B**

Serial No. **68572**

Bath temperature: 24

Sample temperature: 21.5

Room temperature: 22.6

Analyst: MS

a) Initial Standby (Ratio) value: **24+** 6039

b) Initial standard dial value (inside little rectangle):

Initial standard outside dial value:

c) Standby ratio after standardization (if changed): **24+**

d) Final Standby value (at end): **24+** 6038

Standaridization: (is the conductivity +/- 0.00001 compared to standard?) check a box below

☐ Yes- no adjustment of standard dial required

☰ No- standard dial adjusted to: (record below)

outside dial #:

inside dial #:

Vial information

K_{15} Value:

Batch # Same

Batch Date:

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1393-1	BEW-06		1.9 7420	7420	
1393-2					none existence - oops!!
1394-1			1.9 7192	7193	
1394-2			1.9 7197	7198	
1395			1.9 6413	6413	
1396			1.9 5717	5717	
1397			1.9 5271	5271	
1398			1.9 4802	4802	
1399			1.9 4275	4275	
1400			1.9 3646	3648	3652 3653
1401			1.9 3106	3105	
1402			1.9 2769	2768	
1403			1.9 2334	2333	
1404			1.9 1922	1922	
1405			1.9 0393	0392	
1406			1.8 9206	9206	
1407			1.8 8540	8540	
1408			1.8 7898	7898	
1409	↓		1.8 7852	7852	(no 1410 sample # ted sample
1411	BEW-05		1.9 7412	7410	
1412-1			1.9 7413	7413	
1412-2			1.9 7412	7413	
1413			1.9 7463	7463	
1414			1.9 7481	7481	