

# Autosal Analysis Sheet

Kan 4

Date: Aug 15/04  
Analyst: Andrew Hamilton

Standby Val	before calibration: 24 + 6269	Cruise 16-2004	Salinometer
	after-calibration: 24 + 6290		
Vial informal	K <sub>15</sub> = 0.99987	Model # 8400A	Bath temp.: 24
	Batch # A144	Serial # 49463	Sample temp.: 22
	Batch Date: 23-Sept-2003	Zero: 0.0-0002	Room temp.: 21.8°C

1.99974  
Pre Cal RS: 5.21 / Post Cal 5.47  
Start time: 1:30  
End time: 4:30

Sample #	Station Id	Depth m	Autosal Conductivity Reading			Average	Salinity ppt Computed	Remarks
			#1	#2	#3			
Cal	Pre-cal		1.99950	1.99949	1.99950			
Cal			1.99974	1.99974	1.99974		RS: 5.50, 5.52, 5.47	
231	19	21	1.87131	1.87131	1.87131		Sta CB -4	
232	"	22	1.82959	1.82959	1.82959		"	
233	"	23	1.77560	1.77557	1.77559		"	
234	"	24	1.61103	1.61103	1.61103		"	
235	20	1	1.99783	1.99783	1.99784		Sta CB -5	
236	"	2	<del>1.99782</del> 1.99782	1.99784	1.99783		"	
236	"	2	1.99784	1.99786	1.99788		" - Duplicate	
237	"	3	1.99773	1.99773	1.99772		"	
238	"	4	1.99705	1.99707	1.99705		"	
238	"	4	1.99708	1.99707	1.99707		" - Duplicate	
239	"	5	1.99560	1.99558	1.99559		"	
240	"	6	1.99390	1.99388	1.99388		"	
241	"	7	1.99304	1.99304	1.99304		"	
242	"	8	1.99256	1.99255	1.99254		"	
243	"	9	1.99242	1.99243	1.99242		"	
244	"	10	1.99073	1.99072	1.99072		"	
244	"	10	1.99073	1.99075	1.99074		" - Duplicate	
245	"	11	1.97950	1.97950	1.97949		"	
246	"	12	1.97043	1.97040	1.97042		"	
247	"	13	1.95239	1.95239	1.95239		"	
248	"	14	1.93934	1.93935	1.93934		"	
249	"	15	1.91850	1.91848	1.91850		"	
250	"	16	1.90579	1.90579	1.90578		"	
252	"	18	1.88731	1.88730	1.88731		"	

Room temp: 21.7°C Sample: 21.8°C

### Autosal Analysis Sheet

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Analyst: Andrew Hamilton

Standby:	before calibration: <u>24+6269</u>	Salinometer	
	after calibration: <u>2416290</u>		
Vial Infor.:	K <sub>15</sub> = <u>0.99987</u>	Model # <u>8400A</u>	Bath temp.: <u>24°C</u>
	Batch # <u>P144</u>	Serial #	Sample temp.: <u>21.8°C</u>
	Batch Date: <u>23 Sept 03</u>	Zero: <u>-0.00002</u>	Room temp.: <u>21.7°C</u>

RS = 5.21 → 5.47

Autosal Conductivity Reading							Salinity ppt	Remarks
Sample #	Station Id	Depth m	#1	#2	#3	Average	Computed	
253	20	19	1.88131	1.88131	1.88129			Sta CB-5
254	"	20	1.86436	1.86435	1.86433			"
255	"	21	1.84559	1.84560	1.84560			"
256	"	22	1.77590	1.77590	1.77589			"
257	"	23	1.74477	1.74477	1.74478			"
258	"	24	1.63836	1.63837	1.63835			"
259	21	1	1.99782	1.99782	1.99783			Sta CB-6
260	"	2	1.99787	1.99788	1.99786			"
260	"	2	1.99785	1.99786	1.99785			" - Duplicate
261	"	3	1.99764	1.99765	1.99764			"
262	"	4	1.99710	1.99711	1.99710			"
262	"	4	1.99702	1.99702	1.99703			" - Duplicate
263	"	5	1.99571	1.99572	1.99571			"
264	"	6	1.99404	1.99404	1.99403			"
265	"	7	1.99339	1.99339	1.99339			"
266	"	8	1.99235	1.99235	1.99235			"
267	"	9	1.99175	1.99175	1.99174			"
268	"	10	1.99009	1.99003	1.99003			"
268	"	10	1.99007	1.99006	1.99006			"
269	"	11	1.98206	1.98209	1.98207			"
270	"	12	1.97077	1.97078	1.97077			"
271	"	13	1.95636	1.95636	1.95636			"
272	"	14	1.94026	1.94026	1.94026			"
273	"	15	1.92100	1.92100	1.92100			"
CAL			1.99985	1.99986	1.99985			

Room Temp: 21.6°C Sample: 21.7°C