

Autosal Analysis Sheet

Date: Aug. 2004

Analyst: D.G. SIEBERG

Standby: before calibration: 24+6293
after calibration:

Vial Infor.: K₁₅ = 0.99937
Batch # P144
Batch Date: 23 SEP 2003

Salinometer
Model # 8400A
Serial # 49463
Zero: -0.00001

2004-16
Bath temp.: 24
Sample temp.: 21
Room temp.: 21

1.99974
R_s = 5.48

BOT #			Autosal Conductivity Reading				Salinity ppt	
Sample #	Station Id	Depth m	#1	#2	#3	Average	Computed	Remarks
CAH	13		1.99974	1.99974	1.99974	1.99974		STANDARD TEMP. 22°
105	13	1	1.71652	1.71653	1.71653			3 FLUSHES
106	"	2	1.70963	1.70963	1.70963			
107	"	3	1.69408	1.69407	1.69407			
108	"	4	1.67375	1.67374	1.67375			
109	"	5	1.66258	1.66258	1.66256			
110	"	6	1.62086	1.62086	1.62086			
111	14	1	1.68202	1.68202	1.68203			
112	"	2	1.67961	1.67961	1.67961			
113	"	3	1.67165	1.67165	1.67165			
114	"	4	1.66494	1.66495	1.66494			
115	"	5	1.65014	1.65015	1.65015			
116	"	6	1.63988	1.63988	1.63989			
117	"	7	1.63489	1.63489	1.63489			
118	"	8	1.54525	1.54524	1.54525			
119	15	1	1.98884	1.98885	1.98885			AG 5
120	"	8	1.98886	1.98886	1.98888			" DVP.
126	"	8	1.98885	1.98884	1.98884			"
127	"	9	1.98858	1.98857	1.98857			"
128	"	10	1.98732	1.98733	1.98733			"
128	"	10	1.98732	1.98732	1.98732			" DVP.
129	"	11	1.98556	1.98556	1.98558			"
130	"	12	1.98014	1.98013	1.98013			"
131	"	13	1.97112	1.97112	1.97112			"
132	"	14	1.96083	1.96083	1.96083			"
133	"	15	1.94334	1.94334				

126

Autosal Analysis Sheet

Date: Aug. , 2004

Analyst: D.G. SIEBERG

Standby: before calibration:
after calibration:

Salinometer

CRUISE # 2004-16

Vial Infor.: K₁₅ =
Batch #
Batch Date:

Model # 8400 A
Serial # 49463
Zero: -0.00001

Bath temp.: 24
Sample temp.: 21
Room temp.: 21

Box #			Autosal Conductivity Reading				Salinity ppt	
Sample #	Station Id	Depth_m	#1	#2	#3	Average	Computed	Remarks
134	15	16	1.93174	1.93175				AG5
135	"	17	1.91370	1.91371				"
136	"	18	1.89861	1.89861				"
137	"	19	1.88022	1.88023				"
138	"	20	1.86838	1.86838				"
139	"	21	1.84512	1.84518				"
140	"	22	1.83352	1.83358				"
141	"	23	1.81144	1.81144				"
142	"	24	1.29893	1.29892				"
143	16	1	1.99502	1.99501				CABOS-2
144	"	2	1.99444	1.99444				"
144	"	2	1.99448	1.99448				" DUP.
145	"	3	1.99360	1.99360				"
146	"	4	1.99258	1.99259				"
147	"	5	1.99163	1.99162				"
148	"	6	1.99090	1.99090				"
149	"	7	1.99009	1.99009				"
149	"	7	1.99008	1.99009				" DUP.
150	"	8	1.98026	1.98025				"
151	"	9	1.97256	1.97256				
152	"	10	1.95884	1.95884				
153	"	11	1.93824	1.93824				
154	"	12	1.92098	1.92099				

Autosal Analysis Sheet

Run (3)

Date: Aug. 11, 2004

Analyst: Andrew Hamilton

Standby: before calibration: 24 + 6295

after calibration:

Salinometer

Cruise 2004-16

Vial Infor.: K₁₅ = 0.99987

Model # 8400 A

Bath temp.: 24

Batch # P144

Serial # A9463

Sample temp.: 21.5

Batch Date: 23 SEPT. 03

Zero: +0.00000

Room temp.: 23

- 1.99974 -

(5.48)

Rs - 5.35

BOT. #			Autosal Conductivity Reading				Salinity ppt	
Sample #	Station Id	Depth_m	#1	#2	#3	Average	Computed	Remarks
CAL			1.99974	1.99974	1.99974			
155	16	13	1.90434	1.90434	1.90434			CABOS-2
156	"	14	1.88890	1.88890	1.88890			"
157	"	15	1.88389	1.88390	1.88390			"
158	"	16	1.84320	1.84321	1.84322			"
159	16	17	1.84345	1.84346	1.84346			"
160	"	18	1.82676	1.82676	1.82676			"
161	"	19	1.70303	1.70302	1.70302			"
162	"	20	1.59435	1.59434	1.59432			"
163	17	1	1.99777	1.99777	1.99778			Sta CB-2
164	"	2	1.99782	1.99782	1.99782			"
164	17	2	1.99782	1.99782	1.99782			" - Duplicate
165	"	3	1.99761	1.99760	1.99761			"
166	"	4	1.99710	1.99709	1.99710			"
166	"	4	1.99710	1.99711	1.99711			" - Duplicate
167	"	5	1.99572	1.99573	1.99572			"
168	"	6	1.99405	1.99407	1.99406			"
169	"	7	1.99331	1.99330	1.99330			"
170	"	8	1.99247	1.99247	1.99247			"
171	"	9	1.99184	1.99184	1.99185			"
172	"	10	1.98999	1.98992	1.98993			"
172	"	10	1.98992	1.98992	1.98993			" - Duplicate
173	"	11	1.98014	1.98014	1.98014			"
174	"	12	1.97087	1.97086	1.97087			"
175	"	13	1.95587	1.95587	1.95587			"
176	"	14	1.94052	1.94056	1.94056			"

Room temp: 22.8°C Sample: 22.3°C

Autosal Analysis Sheet

Date: Aug 11/2004

Analyst: Andrew Hamilton

Standby: before calibration: 24 + 6295

1.99986 Before Cal

after calibration:

Salinometer

Cruise 2004-16

Vial Infor.: K₁₅ = 0.99987

Model # 8400A

Bath temp.: 24°C

Batch # 0144

Serial # 49463

Sample temp.: 22.5°C

Batch Date: 23 Sept. 03

Zero: +0.00000

Room temp.: 22.8°C

R_S = 5.35

			Autosal Conductivity Reading				Salinity ppt	
Sample #	Station Id	Depth m	#1	#2	#3	Average	Computed	Remarks
177	17	15	1.91952	1.91952	1.91953			Sta CB-2
178	"	16	1.90566	1.90565	1.90565			"
180	"	18	1.89531	1.89533	1.89532			"
181	"	19	1.89008	1.89009	1.89008			"
182	"	20	1.87656	1.87656	1.87658			"
183	"	21	1.83820	1.83820	1.83821			"
184	"	22	1.82513	1.82513	1.82514			"
185	"	23	1.70432	1.70432	1.70432			"
186	"	24	1.55413	1.55412	1.55412			"
187	18	1	1.99784	1.99785	1.99786			Sta CB-3
188	"	2	1.99787	1.99787	1.99786			"
188	"	2	1.99782	1.99782	1.99782			Duplicate - Sta CB-3
189	"	3	1.99764	1.99763	1.99762			Sta CB-3
190	"	4	1.99710	1.99711	1.99711			" - Duplicate
190	"	4	1.99711	1.99711	1.99710			"
191	"	5	1.99564	1.99565	1.99565			"
192	"	6	1.99393	1.99393	1.99394			"
193	"	7	1.99309	1.99309	1.99309			"
194	"	8	1.99238	1.99238	1.99239			"
195	"	9	1.99175	1.99176	1.99175			"
196	"	10	1.99034	1.99034	1.99034			" Duplicate
196	"	10	1.99034	1.99034	1.99033			"
197	"	11	1.97999	1.97998	1.97999			"
198	"	12	1.97006	1.97005	1.97006			"
199	"	13	1.95447	1.95448	1.95449			"
200	"	14	1.93731	1.93732	1.93732			"

Room = 23.5°C Samples = 21.5°C

Autosal Analysis Sheet

Date: Aug 11/2004
Analyst: Andrew Hamilton

Standby: before calibration: 24+6295			1.99986 6295 Cal			Cruise 2004-16		
after calibration:			Salinometer					
Vial Infor.: K ₁₅ = 0.99987			Model # 8400A			Bath temp.: 24 °		
Batch # 1141			Serial # 49463			Sample temp.: 21.5 °		
Batch Date: 23 Sep 03			Zero: 10.0000			Room temp.: 23.5 °		
			Autosal Conductivity Reading				Salinity ppt	
Sample #	Station Id	Depth m	#1	#2	#3	Average	Computed	Remarks
201	18	15	1.91538	1.91538	1.91538			Sta CB-3
202	"	16	1.90483	1.90485	1.90485			"
204	"	18	1.88922	1.88922	1.88922			"
205	"	19	1.88742	1.88741	1.88740			"
206	"	20	1.87301	1.87302	1.87302			"
207	"	21	1.84186	1.84187	1.84186			"
208	"	22	1.76469	1.76469	1.76469			"
209	"	23	1.73513	1.73514	1.73514			"
210	"	24	1.60266	1.60267	1.60267			"
211	19	1	1.99798	1.99798	1.99798			Sta CB-4
212	"	2	1.99792	1.99792	1.99792			" - Duplicate
212	"	2	1.99787	1.99788	1.99788			"
213	"	3	1.99746	1.99746	1.99746			"
214	"	4	1.99705	1.99707	1.99707			" - Duplicate
214	"	4	1.99712	1.99712	1.99712			"
215	"	5	1.99565	1.99565	1.99566			"
216	"	6	1.99394	1.99395	1.99395			"
217	"	7	1.99310	1.99309	1.99310			"
218	"	8	1.99227	1.99227	1.99227			"
219	"	9	1.99180	1.99180	1.99180			"
220	"	10	1.98938	1.98938	1.98939			" Duplicate
220	"	10	1.98935	1.98935	1.98935			"
221	"	11	1.97966	1.97966	1.97965			"
222	"	12	1.96910	1.96911	1.96911			"
223	"	13	1.95308	1.95308	1.95309			"
224	"	14	1.93598	1.93598	1.93597			"

End of page Room: 22.8 °C

Sample is 22.5

Date:

Aug 11/2004

Analyst:

Andrew Hamilton

[illegible]