

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group

Last Updated: January 2017



Cruise and Analysis Information		Nisk ID	Nisk Int V	S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments	Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
Cruise Number:	2018-05	1			238	334	8.2	5.391		1					
Event:	97	2			239A	2084	8.2	5.408		2	239B	715	8.2	5.409	
Station:	V1105	3			240	1002	8.2	5.531		3					
Event Date (Local):	6 FEB 2018	4			241	3035	8.1	5.608		4					
Analysis Date (Local):	6 FEB 2018	5			242	2075	8.1	5.636		5					
Analyst:	mb	6			243	3061	8.1	5.679		6					
Stdization Date (Local):	6 FEB 2018	7								7					
KIO ₃ N:	0.011833	8								8					
Standard Titer:	0.4914	9								9					
Blank Titer:	0.0006	10								10					
THIO N:	0.241129	11								11					
Sample Flask Water Seal?	Yes	12								12					
	No	13								13					
Reagent Change?	MnCl ₂	14								14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15								15					
	H ₂ SO ₄	16								16					
NOTE NEW BATCH IN LOG BOOK	KIO ₃	17								17					
	THIO	18								18					
Notes:		19								19					
		20								20					
		21								21					
		22								22					
		23								23					
		24								24					

Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and explain this in the comments column.

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Cruise Number:	2018-05	1			245	547	8.2		gain was moved aborted run	1					
Event:	100	2			246	302	8.2	5.425		2					
Station:	VAN6	3			247A	438	8.2	5.426		3	247B	557	8.3	5.421	
Event Date (Local):	6 Feb 2018	4			248	309	8.2	5.371		4					
Analysis Date (Local):	6 Feb 2018	5			249	3131	8.2	5.383		5					
Analyst:	MS	6			250	309	8.2	5.443		6					
Stdization Date (Local):	6 Feb 2018	7			251	3176	8.1	5.549		7					
KIO ₃ N:	0.011833	8			252	3091	8.1	5.630		8					
Standard Titer:	0.741129	9								9					
Blank Titer:	0.0006	10								10					
THIO N:	0.241129	11								11					
Sample Flask Water Seal?	(Yes) No	12								12					
Reagent Change?	MnCl ₂	13								13					
(Please circle reagent that was changed prior to sampling and standardization)	Nal/NaOH	14								14					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	15								15					
	KIO ₃	16								16					
	THIO	17								17					
Notes:		18								18					
		19								19					
		20								20					
		21								21					
		22								22					
		23								23					
		24								24					

Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and explain this in the comments column.

Swordfish

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Cruise Number:	2018-05	1			260	3176				1					
Event:	104	2			261	3091	9.4	2.607	⇒	2	261				
Station:	In 18	3			262	339	9.5	2.591	⇒	3	262	3155	9.5	2.531	
Event Date (Local):	6 Feb 2018	4			263	1402	9.3	2.742		4					
Analysis Date (Local):	7 FEB 2018	5			264	1472	9.3	3.643		5					
Analyst:	MB	6			265	3047	9.9	4.29		6					
Stdization Date (Local):	6 FEB 2018	7			266	1035	8.2	5.111		7					
KIO ₃ N:	0.011833	8			267	3110	6.4	7.878		8					
Standard Titer:	0.4914	9								9					
Blank Titer:	0.006	10								10					
THIO N:	0.241129	11								11					
Sample Flask Water Seal?	Yes	12								12					
	No	13								13					
Reagent Change?	MnCl ₂	14								14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15								15					
	H ₂ SO ₄	16								16					
NOTE NEW BATCH IN LOG BOOK	KIO ₃	17								17					
	THIO	18								18					
Notes:		19								19					
		20								20					
		21								21					
		22								22					
		23								23					
		24								24					

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Swordfishie 1

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Cruise and Analysis Information		Nisk ID	Nisk Int V	S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments	Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
Cruise Number:	2018-05	1			253	547	9.6	2.188		1					
Event:	106	2			254	3022	9.7	2.483		2					
Station:	Ted 7	3			255A	438	9.7	3.146	Disposed one sample	3	255B	557	9.7	3.152	1st sample dumped then A, B
Event Date (Local):	6 FEB 2018	4			256	309	9.0	4.020		4					
Analysis Date (Local):	7 FEB 2018	5			257	3131	9.7	4.534		5					
Analyst:	MB	6			258	3109	6.6	7.731		6					
Stdization Date (Local):	6 FEB 2018	7			259					7					
KIO ₃ N:	0.011833	8			268	3008	9.2	1.321	Extra / Check yellow sheet	8					
Standard Titer:	0.4914	9			269	1311	9.7	1.783		9					
Blank Titer:	0.0006	10								10					
THIO N:	0.4914	11								11					
Sample Flask Water Seal?	Yes	12								12					
	No	13								13					
Reagent Change?	MnCl ₂	14								14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15								15					
	H ₂ SO ₄	16								16					
NOTE: NEW BATCH IN LOG BOOK	KIO ₃	17								17					
	THIO	18								18					
Notes:		19								19					
		20								20					
		21								21					
		22								22					
		23								23					
		24								24					

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Octopus

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Cruise and Analysis Information		Nisk ID	Nisk Int V	S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments	Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
Cruise Number: 2018-05		1			270	1059	8.4	3.860		1					
Event: 100		2			271	3056	8.4	3.873		2					
Station: Ind 4		3			272	3024	8.4	3.755		3					
Event Date (Local): 6 Feb 2018		4			273	3150	8.5	3.535		4					
Analysis Date (Local): 6 Feb 2018		5			274	3104	8.5	2.708	→	5	274	1053	8.5	2.789	
Analyst: SR		6			275	3134	8.5	2.306		6					
Stdization Date (Local): 6 Feb 2018		7			276	639	8.7	2.347		7					
KIO ₃ N: 0.011533		8			277	2073	9.3	2.630		8					
Standard Titer: 0.4913578		9			278	620	8.9	3.997		9					
Blank Titer: 0.0006357		10			279	3074	8.6	4.353		10					
THIO N: 0.241129		11			280	2084	8.5	4.634	→	11	280	715	8.4	4.635	
Sample Flask Water Seal? Yes No		12			281	1002	8.4	4.758		12					
		13	✓		282	3033	8.4	4.951	Retaken	13					
Reagent Change? MnCl ₂		14			283	2075	6.8	7.726		14					
(Please circle reagent that was changed prior to sampling and standardization)		15								15					
NOTE NEW BATCH IN LOG BOOK		16								16					
		17								17					
		18								18					
Notes:		19								19					
		20								20					
		21								21					
		22								22					
		23								23					
		24								24					

Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and explain this in the comments column.

Swallow

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Cruise and Analysis Information		Nisk ID	Nisk Int V	Nisk Int S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments	Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
Cruise Number:	2018-05	1			285	528	8.5	3.843		1					
Event:	109	2			286	3148	8.5	3.874		2					
Station:	IND 2	3			287	3114	8.5	3.946		3					
Event Date (Local):	6 FEB 2018	4			288	3013	8.6	3.874		4					
Analysis Date (Local):	7 FEB 2018	5			289	3293	9.3	2.615		5					
Analyst:	MB	6			290	2098	9.0	3.724	⇒	6	290	708	9.0	3.729	
Stdization Date (Local):	6 FEB 2018	7			291	3146	8.7	4.125		7					
KIO ₃ N:	0.011833	8			292	611	8.5	4.563		8					
Standard Titer:	0.49114	9			293	510	8.4	4.802		9					
Blank Titer:	0.0006	10			294	3053	8.2	5.067		10					
THIO N:	0.241129	11			295	745	7.3	7.124	⇒	11	295	3138	7.2	7.298	
Sample Flask Water Seal?	Yes	12								12					
	No	13								13					
Reagent Change?	MnCl ₂	14								14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15								15					
	H ₂ SO ₄	16								16					
NOTE NEW BATCH IN LOG BOOK	KIO ₃	17								17					
	THIO	18								18					
Notes:		19								19					
		20								20					
		21								21					
		22								22					
		23								23					
		24								24					

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Cruise Number:	2015-05	1			296	3039	8.3	4.852		1					
Event:	110	2			297	3209	8.3	4.738		2					
Station:	VAN 7	3			298	3129	8.3	4.963		3					
Event Date (Local):	6 FEB 2018	4			299	3043	8.1	5.734	⇒	4	299	570	8.1	5.733	
Analysis Date (Local):	7 FEB 2018	5								5					
Analyst:	MB	6								6					
Stdization Date (Local):	6 FEB 2018	7								7					
KIO ₃ N:	0.011833	8								8					
Standard Titer:	0.4914	9								9					
Blank Titer:	0.0006	10								10					
THIO N:	0.241129	11								11					
Sample Flask Water Seal?	Yes	12								12					
	No	13								13					
Reagent Change?	MnCl ₂	14								14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15								15					
	H ₂ SO ₄	16								16					
NOTE NEW BATCH IN LOG BOOK	KIO ₃	17								17					
	THIO	18								18					
Notes:		19								19					
		20								20					
		21								21					
		22								22					
		23								23					
		24								24					

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Whale

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Cruise and Analysis Information		Nisk ID	Nisk Int V	S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments	Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
Cruise Number:	2018-05	1			301	3036	8.9	3.748		1					
Event:	III	2			302	3106	8.8	3.803		2					
Station:	Indo	3			303	2092	8.6	4.179	=>	3	303	1442	8.7	4.176	
Event Date (Local):	6 FEB 2018	4			304	3145	8.3	4.891		4					
Analysis Date (Local):	7 FEB 2018	5			305	2020	8.3	5.049		5					
Analyst:	MB	6			306	3135	7.6	6.701		6					
Stdization Date (Local):	6 FEB 2018	7								7					
KIO ₃ N:	0.011833	8								8					
Standard Titer:	0.4914	9								9					
Blank Titer:	0.0006	10								10					
THIO N:	0.241129	11								11					
Sample Flask Water Seal?	Yes	12								12					
	No	13								13					
Reagent Change?	MnCl ₂	14								14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15								15					
	H ₂ SO ₄	16								16					
NOTE NEW BATCH IN LOG BOOK	KIO ₃	17								17					
	THIO	18								18					
Notes:		19								19					
		20								20					
		21								21					
		22								22					
		23								23					
		24								24					

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