

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group

SOORAFISH

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:	2018.30	1		217	313	9.2	3.070		1					
Event:	77	2		218	2014	9.1	3.339		2					
Station:	6	3		219	1311	8.9	3.602		3					
Event Date (Local):	15 JUNE 2018	4		220	557	8.8	4.206		4					
Analysis Date (Local):	15 JUN 2018	5		221	3113	8.7	4.163		5					
Analyst:	MS	6		222	512	8.9	4.023	⇒	6	222B	1050	8.9	4.016	
Stdization Date (Local):	15 JUN 2018	7		223	1412	9.7	3.951		7					
KIO ₃ N:	0.0118108	8		224	3051	10.1	4.269		8					
Standard Titer:	0.4739258	9		225	11402	10.4	4.417		9					
Blank Titer:	0.0004471	10		226	730	11.2	4.917		10					
THIO N:	0.24954	11		227	3118	13.7	6.242		11					
Sample Flask Water Seal?	(Yes) No	12		228	2015	14.5	6.469		12					
Reagent Change?	MnCl ₂	13		229	339	14.7	6.454	⇒	13	229B	3030	14.7	6.454	
(Please circle reagent that was changed prior to sampling and standardization)	NaI/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.

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group

OCTOPUS.

Last Updated: January 2017



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:	2018-30	1			230	3056	9.1	2.953		1					
Event:	9 81	2			231	1059	9.0	3.179		2					
Station:	↓	3			232	8150	8.8	3.794		3					
Event Date (Local):	15 JUNE 18	4			233	3021	8.8	3.935		4					
Analysis Date (Local):	15 JUN 2018	5			234	3104	9.1	3.810		5					
Analyst:	MS	6			235A	1053	9.6	3.949 →		6	235B	639	9.6	3.946	
Stdization Date (Local):	15 JUN 2018	7			236	3134	9.9	4.186		7					
KIO ₃ N:	0.0118108	8			237	2073	10.1	4.331		8					
Standard Titer:	0.4739258	9			238	620	10.6	4.630		9					
Blank Titer:	0.0004471	10			239	3034	11.3	5.052		10					
THIO N:	0.24954	11			240	2084	13.1	5.963		11					
Sample Flask Water Seal?	Yes	12			241	715	13.7	6.189		12					
	No	13			242	1052			→ DID NOT CLOSE	13	242B	632			DID NOT CLOSE
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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Dot-o-pus

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:	2018-30	1		259	1002	9.5	3.347		1					
Event:	90	2		260	3035	9.3	3.452		2					
Station:	14	3		261A	2075	9.3	3.593	→	3	261B	3061	9.4	3.590	
Event Date (Local):	15 June 18	4		262	647	9.1	3.648		4					
Analysis Date (Local):	15 Jun 2018	5		263	3108	9.1	3.722		5					
Analyst:	MB	6		264	1054	8.9	3.923		6					
Stdization Date (Local):	15 Jun 2018	7		265	631	9.0	3.962	OT'd	7					
KIO ₃ N:	0.0118108	8		266	2125	9.1	3.747		8					
Standard Titer:	0.4737258	9		267	657	9.8	3.886		9					
Blank Titer:	0.0004471	10		268	638	9.8	3.913		10					
THIO N:	0.24754	11		269	3007	12.0	4.166		11					
Sample Flask Water Seal?	(Yes) No	12		270A	690	11.3	4.780	→ OT'd	12	270B	2097	11.3	4.783	
Reagent Change?	MnCl ₂	13		271	2085	12.0	5.209		13					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	14		272	622	14.9	6.462		14					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	15		273	3072	14.9	6.380		15					
	KIO ₃	16							16					
	THIO	17							17					
Notes:		18							18					
		19							19					
		20							20					
		21							21					
		22							22					
		23							23					
		24							24					

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Swallow

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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:	2018-30	1			242	3124	9.4	3.211		1					
Event:	86	2			243	3190	9.2	3.478		2					
Station:	12	3			244	244	9.3	3.538	flask 528	3					
Event Date (Local):	15 Jun 2018	4			245	3148	9.1	3.587		4					
Analysis Date (Local):	15 Jun 2018	5			246 ^A	3093	9.1	3.755	→	5	246 ^B	3138	9.2	3.754	
Analyst:	AA KY	6			247	2098	8.9	3.985		6					
Stdization Date (Local):	15 Jun 2018	7			248	745	8.9	4.124		7					
KIO ₃ N:	0.0118108	8			249	3146	8.9	3.813		8					
Standard Titer:	0.4739258	9			250	3053	9.2	3.759		9					
Blank Titer:	0.004471	10			251	611	9.7	4.093		10					
THIO N:	0.24954	11			252	510	9.9	4.114		11					
Sample Flask Water Seal?	Yes	12			253	708	10.2	4.233		12					
	No	13			254	612	10.6	4.418		13					
Reagent Change?	MnCl ₂	14			255 ^A	3038	13.1	5.889	→	14	255 ^B	3209	13.1	5.893	
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15			256	3043	15.1	6.762		15					
	H ₂ SO ₄	16			257	3129	16.2	6.765		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 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:	2018-30	1			274	2088	9.0	3.675		1					
Event:	92	2			275	3041	8.9	3.728		2					
Station:	16	3			276 ^A	1312	8.9	3.826	→	3	276 ^B	2090	8.9	3.793	
Event Date (Local):	15 June 18	4			277	1465	8.9	3.866		4					
Analysis Date (Local):	15 JUN 2018	5			278	3020	9.5	3.856		5					
Analyst:	MB	6			279	3008	9.9	4.029		6					
Stdization Date (Local):	15 JUN 2018	7			280	569	10.3	4.166		7					
KIO ₃ N:	0.0118/08	8			281 ^A	3042	11.4	4.766	→	8	281 ^B	2000	11.4	4.771	Sampled B first
Standard Titer:	0.4739258	9			282	3075	11.8	4.928	OT'd	9					
Blank Titer:	0.0064471	10			283	673	14.7	6.377	OT'd	10					
THIO N:	0.24954	11			284	3170	15.8	6.602		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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Cruise Number:	2018-30	1			291	3114	11.0	3.243		1					
Event:	126	2			292	3190	10.9	3.185		2					
Station:	BS-17	3			293	528	10.9	3.284		3	293	3148	11.1	3.295	
Event Date (Local):	17 JUN 2018	4			294	3093	11.1	3.815		4					
Analysis Date (Local):	18 JUN 2018	5			295	3138	11.5	4.448		5					
Analyst:	MB	6			296	2098	13.8	6.049		6					
Stdization Date (Local):	18 JUN 2018	7			297	745	16.5	7.807		7					
KIO ₃ N:	0.018108	8			298	3146	17.7	7.931		8					
Standard Titer:	0.4739	9								9					
Blank Titer:	0.0004	10								10					
THIO N:	0.249457	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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EVENT 126 + 128 Run TOGETHER

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:	208-30	1			299A	611	11.3	4.276		1	299B	510	11.4	4.269	
Event:	128	2			300	708	12.1	4.993		2					
Station:	BS2	3			301	612	13.9	6.683		3					
Event Date (Local):	18 JUN 2018	4			302	3038	15.0	7.108		4					
Analysis Date (Local):	18 JUN 2018	5			303	3209	15.8	7.034		5					
Analyst:	MB	6								6					
Stdization Date (Local):	18 JUN 2018	7								7					
KIO ₃ N:	0.018108	8								8					
Standard Titer:	0.4739	9								9					
Blank Titer:	0.0001	10								10					
THIO N:	0.249457	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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USED
SING BOTTLE
AS EVENT 126
(BUT BOTH SETS OF
SAMPLES THERE)