

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:	2018-034						1			201	3042	10.8	3.005		1						
Event:	63						2			202	569	10.9	3.266		2						
Station:	LD02						3			203A	3041	11.7	4.405	⇒	3	203B	3170	11.7	4.405		
Event Date (Local):	04.09.18						4			204	2088	14.6	6.85	Flush bubble pre-sample	4						
Analysis Date (Local):	05 SEPT 2018						5			205	3008	15.5	7.200		5						
Analyst:	N ²						6								6						
Stdization Date (Local):	04 SEPT						7								7						
KIO ₃ N:	0.0117854						8								8						
Standard Titer:	0.4717						9								9						
Blank Titer:	0.0004						10								10						
THIO N:	0.24994						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:	Shark						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: 2018-34	1		206A	196	10.2	2.499	→ OT - late endpoint	1	206B	396	10.2	2.500	
Event: 65	2		207	471	11.2	3.708		2					
Station: L D 04	3		208	505	11.6	4.403		3					
Event Date (Local): 5/9/18	4		209	712	12.0	6.058		4					
Analysis Date (Local): 5 SEPT 2018	5	✓	210	1055	14.1	7.324		5					
Analyst: N2	6							6					
Stdization Date (Local): 4 SEPT 2018	7							7					
KIO ₃ N: 0.0117854	8							8					
Standard Titer: 0.4717	9							9					
Blank Titer: 0.0004	10							10					
THIO N: 0.24994	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)	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.

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Cruise Number:	2018-34	1	✓	211	1094	9.9	2.510		1					
Event:	68	2		212A	1406	10.4	2.972	→	2	212B	1407	10.4	2.968	
Station:	LG01	3		213	1409	10.9	3.425		3					
Event Date (Local):	5/9/18	4	✓	214	1416	11.8	4.325		4					
Analysis Date (Local):	5 SEPT 2018	5	✓	215	2055	12.4	5.245		5					
Analyst:	NZ	6							6					
Stdization Date (Local):	4 SEPT	7							7					
KIO ₃ N:	0.0117854	8							8					
Standard Titer:	0.4717	9							9					
Blank Titer:	0.0004	10							10					
THIO N:	0.24994	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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Cruise Number:	2018-34	1	✓	✓	216	2060	8.6	1.22						1					
Event:	69	2	✓	✓	217A	2065	9.0	2.344	→					2	217B	2068	9.0	2.366	X
Station:	LG02	3	✓	✓	218	2089	9.6	2.532	OT - late endpoint					3					
Event Date (Local):	5/9/18	4	✓	✓	219	3005	10.5	3.027						4					
Analysis Date (Local):	05 SEPT	5	✓	✓	220	3046	10.8	4.113						5					
Analyst:	N2	6	✓	✓	221	3049	11.8	5.097						6					
Stdization Date (Local):	04 SEPT	7	✓	✓	222	3057	13.2	6.381						7					
KIO ₃ N:	0.0117854	8												8					
Standard Titer:	0.4717	9												9					
Blank Titer:	0.0004	10												10					
THIO N:	0.24994	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)	NaI/NaOH	14												14					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	15												15					
	KIO ₃	16												16					
	THIO	17												17					
Notes:	LOCK ROSS Hugh Draws Robyn Pickles	18												18					
	Flasks not watered	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	Sample S 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:	2018-34	1	✓	✓	225	3020	8.3	1.254		1				
Event:	73	2	✓	✓	226	673	8.4	1.167		2				
Station:	LG-04	3	✓	✓	227	1312	8.7	2.267		3				
Event Date (Local):	05 SEPT	4	✓	✓	228	1465	9.1	2.644		4				
Analysis Date (Local):	05 SEPT	5	✓	✓	229	2000	9.4	3.420		5				
Analyst:	N2	6	✓	✓	230	3075	9.5	3.603	→	6	2308	3200	9.5	3.605
Stdization Date (Local):	04 SEPT	7	✓	✓	231	3080	9.8	4.073		7				
KIO ₃ N:	0.017854	8	✓	✓	232	3085	11.3	5.236		8				
Standard Titer:	0.4717	9	✓	✓	233	2086	12.0	5.642		9				
Blank Titer:	0.0004	10								10				
THIO N:	0.24994	11								11				
Sample Flask	Yes	12								12				
Water Seal?	No	13								13				
Reagent Change?	MnCl ₂	14								14				
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15								15				
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16								16				
	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: 2018-34		1		234	94	6.2	0.187		1					
Event: X6		2		235	371	6.6	0.261		2					
Station: LGO6		3		236	621	7.2	0.724	→	3	236B	1408	7.2	0.710	
Event Date (Local): 5 Sept 2018		4		237	1429	7.5	1.043	OT - late endpoint	4					
Analysis Date (Local): 5 Sept		5		238	2007	8.0	1.512		5					
Analyst: NCT		6		239	2015	8.2	1.874		6					
Stdization Date (Local): 4 Sept		7		240	2016	8.7	2.486		7					
KIO ₃ N: 0.0117854		8		241	2017	8.9	2.779		8					
Standard Titer: 0.4717		9		242	2019	9.2	2.967		9					
Blank Titer: 0.0004		10		243	2025	9.5	2.878		10					
THIO N: 0.24994		11		244	2027	9.8	3.114		11					
Sample Flask Water Seal? Yes		12		245	2032	9.5	3.903		12					
	No	13		246	2043	9.7	4.942		13					
Reagent Change? MnCl ₂		14		247A	2047	10.9	6.528	→ OT - late endpoint	14	247B	3009	10.9	6.530	
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		248	2092	12.9	6.511		15					
	H ₂ SO ₄	16		249	3032	14.4	7.148		16					
NOTE NEW BATCH IN LOG BOOK	KIO ₃	17		250	3033	14.5	7.225		17					
	THIO	18		251					18					
Notes:		19							19					
		20							20					
		21							21					
		22							22					
		23							23					
		24							24					

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Cruise Number:	2018-034	1			269	3042	5.3	1.451		1					
Event:	91	2			270	569	5.9	0.673	→	2	2708	3041	5.9	0.673	
Station:	LBP 07	3			271	3170	5.8	0.397	OT - late endpoint	3					
Event Date (Local):	06 SEPT	4			272	2088	5.9	0.254		4					
Analysis Date (Local):	06 SEPT	5			273	3008	6.1	0.241		5					
Analyst:	NZ	6			274	2090	6.7	0.644		6					
Stdization Date (Local):	06 SEPT	7			275	3020	7.2	0.952		7					
KIO ₃ N:	0.0117854	8			276	673	8.1	1.599	OT - late endpoint	8					
Standard Titer:	0.4713	9			277	1465	8.4	2.182		9					
Blank Titer:	0.0004	10			278	1312	8.7	2.610	→ OT - late endpoint	10	2788	2000	8.8	2.608	
THIO N:	0.250088	11			279	3075	9.0	2.851		11					
Sample Flask Water Seal?	Yes	12			280	3200	9.2	3.022		12					
	No	13			281	3080	9.5	3.068		13					
Reagent Change?	MnCl ₂	14			282	3085	9.5	3.240		14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15			283	2086	9.4	4.302		15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16			284	2063	9.9	6.026		16					
	KIO ₃	17			285	462	11.5	6.639		17					
	THIO	18			286A	425	14.9	6.342	→ OT - bad curve	18	286B	2040	14.9	6.341	OT - late endpoint
Notes:	SHARK	19			287	3076	17.5	6.026	OT - late endpoint	19					
	HM/RS	20			288	1459	17.6	6.035		20					
		21								21					
		22								22					
		23								23					
		24								24					

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Cruise Number:	2018-034	1			290	528	5.9	0.411							1					
Event:	94	2			291	3114	5.9	0.409							2					
Station:	LRP5	3			292	3190	6.1	0.305							3					
Event Date (Local):	06-09-18	4			293	3148	6.6	0.287							4					
Analysis Date (Local):	06 SEPT	5			294	3093	7.3	0.828					OT late endpoint		5					
Analyst:	NZ	6			295A	3138	7.6	1.104					→ OT late endpoint		6	295 B	2098	7.7		OT - had curve, O2 check 1st? powered down lamp for few minutes after
Stdization Date (Local):	06 SEPT	7			296	745	7.9	1.245							7					
KIO ₃ N:	0.0117854	8			297	3146	8.0	1.524							8					
Standard Titer:	0.4713	9			298	3053	8.3	1.706							9					
Blank Titer:	0.0004	10			299	611	8.3	1.815							10					
THIO N:	0.250088	11			300	510	8.5	2.172							11					
Sample Flask Water Seal?	Yes	12			301	708	8.8	2.133							12					
	No	13			302	612	9.0	2.341					NEW ACID batch #1803 bot 690		13					
Reagent Change?	MnCl ₂	14			303	3088	9.3	3.232							14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15			304	3209	9.6	3.602					leaking spigot		15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16			305 A	3043	9.3	6.171					→		16	305 B	3129	9.3	6.173	
	KIO ₃	17			306	570	10.3	4.976							17					
	THIO	18			307	3175	12.4	6.208							18					
Notes:		19			308	3023	12.9	6.797							19					
		20													20					
		21													21					
		22													22					
		23													23					
		24													24					

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Cruise Number: 2018-034	1		309	3056	8.0	1.626		1					
Event: 97	2		310	1059	8.1	1.645		2					
Station: WBP3	3		310	3150	8.3	1.839		3					
Event Date (Local): 06-09-18	4		312	3021	8.6	2.029		4					
Analysis Date (Local): 07 Sept	5		312	3104	8.8	2.193		5					
Analyst: NZ	6		314	1053	9.3	2.610		6					
Stdization Date (Local): 07 Sept	7		315	639	10.0	3.338	OT - late endpoint	7					
KIO ₃ N: 0.0117854	8		316	3134	10.4	3.681		8					
Standard Titer: 0.4709	9		317	620	12.0	5.519	*redraw 12.0	9					
Blank Titer: 0.0003	10		318A	3034	13.1	7.313	→	10	318B	2084	13.1	7.308	
THIO N: 0.250174	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)	15							15					
NOTE NEW BATCH IN LOG BOOK	16							16					
	17							17					
	18							18					
Notes:	19							19					
OCTOPUS	20							20					
	21							21					
	22							22					
	23							23					
	24							24					

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Cruise Number: 2018-34	1			321	94	5.6	1.288								1					
Event: 113	2			322	371	5.9	0.651								2					
Station: CSDO	3			323	621	6.1	0.391								3					
Event Date (Local): 07/09/2012	4			324	1408	6.3	0.254								4					
Analysis Date (Local): 07 SEPT	5			325A	1429	6.9	0.329	→							5	325B	2007	7.0	0.321	X
Analyst: N2	6			326	2015	7.2	0.691								6					
Stdization Date (Local): 07 SEPT	7			327	2016	7.6	1.073								7					
KIO ₃ N: 0.0117854	8			328	2017	8.0	1.655								8					
Standard Titer: 0.4713	9			329	2019	8.3	2.199								9					
Blank Titer: 0.00042	10			330A	2025	8.6	2.865	→							10	330B	2027	8.7	2.869	
THIO N: 0.25009	11			331	2032	8.9	3.050						OT - late endpoint		11					
Sample Flask Water Seal? Yes	12			332A	2043	9.2	3.303	→					B sampled before A		12	332B	3009	9.1	3.314	X
Reagent Change? MnCl ₂	13			333	2047	9.2	3.895								13					
(Please circle reagent that was changed prior to sampling and standardization)	14			334	2092	9.5	5.556						OT - late endpoint		14					
NOTE NEW BATCH IN LOG BOOK	15			335	3032	9.9	6.312						OT - late endpoint		15					
	16			336	3033	11.3	6.401								16					
	17			337	3054	17.1	5.885								17					
	18			338A	3065	17.5	5.939	→							18	338B	3062	17.6	5.940	OT - sloppy curve
Notes:	19			339	3094	17.6	5.929								19					
	20			340	3100	17.6	5.940								20					
	21														21					
	22														22					
	23														23					
	24														24					

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Cruise Number: 2018-34		1		342	3056	5.8	1.358	OT-late endpoint	1					
Event: 116		2		343	1059	5.9	0.580		2					
Station: CS02		3		344	3150	6.2	0.367		3					
Event Date (Local): 7 Sep 18		4		345	3021	6.6	0.258		4					
Analysis Date (Local): 7 Sep		5		346A	3104	6.9	0.284	=> OT-late endpoint	5	346B	1053	7.1	0.284	
Analyst: N2		6		347	639	7.1	1.119		6					
Stdization Date (Local): 07 Sep		7		348	3134	7.5	1.428		7					
KIO ₃ N: 0.0117854		8		349	620	7.9	1.960		8					
Standard Titer: 0.4713		9		350	3034	8.2	2.344		9					
Blank Titer: 0.00042		10		351	2084	8.7	2.730		10					
THIO N: 0.25009		11		352	715	8.9	3.225		11					
Sample Flask Water Seal? ☒ Yes ☐ No		12		353A	1002	9.2	3.106	=>	12	353B	3035	9.3	3.103	
Reagent Change? MnCl ₂		13		354	2075	9.2	3.664		13					
(Please circle reagent that was changed prior to sampling and standardization)		14		355	3061	9.5	3.893	OT-late endpoint	14					
NOTE NEW BATCH IN LOG BOOK		15		356	647	10.2	3.590		15					
		16		357	3108	11.3	4.233		16					
		17		358	1054	12.4	4.841		17					
		18		359A	631	16.5	6.027	=> redraw A 16.5	18	359B	3125	16.5	6.010	
Notes:		19		360	657	17.1	6.032		19					
octopus		20		361	638	17.1	6.041		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

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:	2018-34	1			460	196	11.5	2.822						1					
Event:	176	2			461	396	11.5	2.962						2					
Station:	42	3			462	471	11.9	3.124				OT - late endpoint		3	4628505		11.9	3.128	OT - late endpoint
Event Date (Local):	10 Sept	4			463	712	12.4	3.233				OT - late endpoint		4					
Analysis Date (Local):	10 Sept	5			464	1055	11.9	3.281						5					
Analyst:	NZ	6			465	1223	11.9	3.357						6					
Stdization Date (Local):	9 Sept	7			466	1094	11.9	3.430						7					
KIO ₃ N:	0.0117854	8			467	1406	12.0	3.453						8					
Standard Titer:	0.4715	9			468	1407	14.3	4.488						9					
Blank Titer:	0.0004	10			469	1409	15.8	5.399						10					
THIO N:	0.250061	11			470	1416	16.1	5.540						11					
Sample Flask	Yes	12												12					
Water Seal?	No - run right away	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.

Dissolved Oxygen Analysis Log Sheet

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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:	2018-034	1		363	3042	9.9	3.215		1					
Event:	121	2		364	569	10.2	3.313		2					
Station:	C504	3		365	3041	11.3	4.128	OT - late endpoint	3					
Event Date (Local):	07.09.18	4		366A	3170	12.5	5.289	=>	4	366B	2088	12.5	5.289	
Analysis Date (Local):	08 Sept	5		367	3008	13.0	5.622		5					
Analyst:	NZ	6		368	2090	13.9	5.856		6					
Stdization Date (Local):	07 Sept	7		369	3020	14.0	5.856		7					
KIO ₃ N:	0.0117854	8							8					
Standard Titer:	0.4713	9							9					
Blank Titer:	0.00042	10							10					
THIO N:	0.25009	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 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: 2018-34	1		373	1465	10.1	3.274		1					
Event: 133	2		374	1312	10.2	3.312	→	2	374	2000	10.2	3.309	
Station: CS 06	3		375	3075	10.3	3.391		3					
Event Date (Local): 08 SEPT 2018	4		376	3200	10.7	3.810		4					
Analysis Date (Local): 08 SEPT	5		377	3080	11.7	4.974		5					
Analyst: NZ	6		378	3085	11.9	5.221		6					
Stdization Date (Local): 07 SEPT	7		379	2086	11.9	5.216		7					
KIO ₃ N: 0.017854	8							8					
Standard Titer: 0.4713	9							9					
Blank Titer: 0.0004	10							10					
THIO N: 0.25009	11							11					
Sample Flask Water Seal? Yes	12							12					
	13							13					
Reagent Change? MnCl ₂	14							14					
(Please circle reagent that was changed prior to sampling and standardization)	15							15					
	16							16					
NOTE NEW BATCH IN LOG BOOK	17							17					
	18							18					
Notes:	19							19					
shark	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 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:	208-34	1		380	462	8.6	1.664	> forgot to enter draw T's	1					
Event:	139	2		381	425	8.6	1.667		2					
Station:	CS09	3		382	2040	8.7	1.780		3					
Event Date (Local):	08/09/2018	4		383	3076	8.9	2.120		4					
Analysis Date (Local):	08 SEPT	5		384	1459	9.3	2.594		5					
Analyst:	NZ	6		385	3029	10.3	3.433		6					
Stdization Date (Local):	07 SEPT	7		386A	2095	11.2	3.915		7	386B	3078	11.2	3.913	
KIO ₃ N:	0.017854	8		387	3068	11.5	4.227	8						
Standard Titer:	0.4713	9		388	3135	12.6	5.700	9						
Blank Titer:	0.0004	10		389	3116	14.1	5.901	10						
THIO N:	0.25009	11		390	438	14.9	6.099	OT - late endpoint	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 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:	2018-34	1			395	3056	11.1	3.159	Bul-S on label	1					
Event:	150	2			396	1059	11.15	3.227		2					
Station:	JS	3			397	3150	11.2	3.236		3					
Event Date (Local):	9/9/18	4			398	3021	11.3	3.331	→	4	398	3104	11.3	3.331	
Analysis Date (Local):	09 SEPT	5			399	1053	11.4	3.365		5					
Analyst:	NZ	6			400	639	11.5	3.453	OT - late endpoint	6					
Stdization Date (Local):	09 SEPT	7			401	3134	11.7	3.694		7					
KIO ₃ N:	0.0117854	8			402	620	11.8	3.895		8					
Standard Titer:	0.4715	9			403	3034	11.9	4.048	→	9	403	2004	11.8	4.036	X
Blank Titer:	0.00042	10			404	715	11.9	4.045	OT - late endpoint	10					
THIO N:	0.250061	11			405	1002	11.9	4.044		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)	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					

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