

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group



Last Updated: December 2019

Cruise and Analysis Information		Nisk ID	Nisk Int V S	Sample ID	Flask 1	Draw Temp 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments	Nisk ID	Sample ID	Flask 2	Draw Temp 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
Cruise Number:	2022-025	1							1					
Event:	59	2							2					
Station:	HG3	3		115	970	4.0	1.271		3					
Event Date (Local):	29-09-22	4		116	971	4.1		NO SAMPLE	4					
Analysis Date (Local):	05 Oct. 2022	5		117	972	4.9	0.542	- small bubble under stopper.	5					
Analyst:	KS	6		118	973	5.6	0.307	- small bubble under stopper	6					
Stdization Date (Local):	05 Oct 2022	7		119	974	6.2	0.363	- " " " "	7					
KIO ₃ N:	0.0118990	8		120	975	6.7	0.747		8					
Standard Titer:	0.49783	9		121	976	7.1	1.064		9					
Blank Titer:	0.00032	10		122A	977	7.4	1.472		10	122B	978	7.5	1.451	poor reps
THIO N:	0.23920	11		123	979	7.7	1.886		11					
Sample Flask Water Seal?	Yes	12		124	980	7.9	1.970		12					
	No	13		125	981	8.5	2.703		13					
Reagent Change?	MnCl ₂	14		126	982	9.2	3.245		14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		127	983	10.1	3.923		15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16							16					
	KIO ₃	17		129	984	12.7	4.949		17					
	THIO	18		130	985	14.1	5.542		18					
Notes:	All samples had air in them	19		131A	986	14.7	5.813		19	131B	987	14.7	5.816	
14 - Chicken & Egg.xlsx		20		132	988	15.9	6.195		20					
		21		133	989	16.2	6.196		21					
		22		134	990	16.2	6.193		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:	2022-025	1							1					
Event:	64	2							2					
Station:	MS08B	3		139	1409	4.9	1.521	- air under stopper	3					
Event Date (Local):	30-09-22	4		140A	3057	5.4	0.662		4	140B	639	5.6	0.594	
Analysis Date (Local):	05 Oct '22	5		141	3037	6.1	0.301	- air under stopper	5					
Analyst:	KS	6		142	969	6.5	0.349	- air under stopper	6					
Stdization Date (Local):	05 Oct 2022	7		143	510	7.1	0.768	- " " "	7					
KIO ₃ N:	0.018990	8		144	1401	7.4	1.243	- " " "	8					
Standard Titer:	0.49783	9		145	3002	8.1	1.656		9					
Blank Titer:	0.00032	10		146	3137	8.1	1.896		10					
THIO N:	0.23920	11		147	951	8.6	2.402		11					
Sample Flask Water Seal?	Yes	12		148	3081	8.9	3.087		12					
	No	13		149	20	9.3	3.605		13					
Reagent Change?	MnCl ₂	14		150	569	9.8	5.407		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		152	673	11.0	4.773	- air under stopper	16					
	KIO ₃	17		153	3120	15.5	5.727		17					
	THIO	18		154A	3134	16.1	5.894		18	154B	3104	16.1	5.892	
Notes:		19		155	575	16.8	6.024		19					
		20		156	396	17.2	6.018		20					
15 - Moose.xlsx		21		157	1402	17.3	5.987		21					
		22							22					
		23							23					
		24							24					

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Cruise and Analysis Information									
ID	Nisk	Sample ID	Flask	Draw	Temp 1	OXY-1	ID	Nisk	Sample ID
1							1		
2							2		
3							3		
4							4		
5							5		
6							6		
7							7		
8							8		
9							9		
10							10		
11							11		
12							12		
13							13		
14							14		
15							15		
16							16		
17							17		
18							18		
19							19		

Cruise and Analysis Information									
ID	Nisk	Sample ID	Flask	Draw	Temp 1	OXY-1	ID	Nisk	Sample ID
1							1		
2							2		
3							3		
4							4		
5							5		
6							6		
7							7		
8							8		
9							9		
10							10		
11							11		
12							12		
13							13		
14							14		
15							15		
16							16		
17							17		
18							18		
19							19		

Cruise and Analysis Information									
ID	Nisk	Sample ID	Flask	Draw	Temp 1	OXY-1	ID	Nisk	Sample ID
1							1		
2							2		
3							3		
4							4		
5							5		
6							6		
7							7		
8							8		
9							9		
10							10		
11							11		
12							12		
13							13		
14							14		
15							15		
16							16		
17							17		
18							18		
19							19		

Cruise and Analysis Information									
ID	Nisk	Sample ID	Flask	Draw	Temp 1	OXY-1	ID	Nisk	Sample ID
1							1		
2							2		
3							3		
4							4		
5							5		
6							6		
7							7		
8							8		
9							9		
10							10		
11							11		
12							12		
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16							16		
17							17		
18							18		
19							19		

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