

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group



Last Updated: July 2018

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: 2009-007		1	✓✓	1	1408	9.7		6-10 = 390m	1					
Event: 3		2	✓✓	2	371	9.5		200m	2					
Station: GEO1		3	✓✓	3A	621	9.2			3	3B	94			
Event Date (Local): 4 Mar 2019		4	✓✓	4	3194	9.4			4					
Analysis Date (Local):		5	✓✓	5	3050	9.1			5					
Analyst: Sampler: KY Analyst:		6	✓✓	6	3005	7.6			6					
Stdization Date (Local):		7	✓✓	7	3030	6.8		5m	7					
KIO ₃ N:		8	✓X	8	3057	7.3		0m top vent not tight	8					
Standard Titer:		9							9					
Blank Titer:		10							10					
THIO N:		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					
NaI/NaOH		16							16					
H ₂ SO ₄		17							17					
NOTE NEW BATCH IN LOG BOOK		18							18					
KIO ₃		19							19					
THIO		20							20					
		21							21					
		22							22					
		23							23					
		24							24					

Notes:

8 Nistins on wire
Sampled #8 first
finished 1 1/2 hour
after collection.
Cold weather

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: 2019-007		1	✓✓	13	3073	9.4			1					
Event: 12		2	✓✓	14	3059	9.3			2					
Station: CPF2		3	✓✓	15A	2068	8.8		⇒	3	15B	2060	8.9		
Event Date (Local): 5 Mar 2019		4	✓✓	16	1406	8.7			4					
Analysis Date (Local):		5	✓✓	17	3049	8.5			5					
Analyst:		6	✓✓	18	1055	8.0			6					
Stdization Date (Local):		7	✓✓	19	505	6.9			7					
KIO ₃ N:		8	✓✓	20	2065	7.0			8					
Standard Titer:		9							9					
Blank Titer:		10							10					
THIO N:		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					
Matt sampling		20							20					
		21							21					
		22							22					
		23							23					
		24							24					

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Last Updated: January 2017



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Cruise Number: 2019-007		1	✓	✓	46	1409	7.5			1					
Event: 67		2	✓	✓	47	1094	7.5			2					
Station: 46		3	✓	✓	48	471	7.5			3					
Event Date (Local): 7 Mar 2019		4	✓	✓	49	396	7.6			4					
Analysis Date (Local):		5	✓	✓	50A	3137	7.2	⇒		5	50B	3046	7.4		
Analyst:		6	✓	✓	51	2089	6.6			6					
Stdization Date (Local):		7	✓	✓	52	2055	6.4			7					
KIO ₃ N:		8								8					
Standard Titer:		9								9					
Blank Titer:		10								10					
THIO N:		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)		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					

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