

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	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:	2018-37	1			1					1					
Event:	3	2			2	3114	15.1			2					
Station:	G801	3			3	3190	14.8			3	3	3148	15.1		
Event Date (Local):		4	X		4	3093	14.5			4					
Analysis Date (Local):		5			5	3138	14.9			5					
Analyst:		6			6	2078	14.7			6					
Stdization Date (Local):		7			7	745	20.5			7					
KIO ₃ N:		8			8	3146	20.6			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)	NaI/NaOH	15								15					
	H ₂ SO ₄	16								16					
NOTE NEW BATCH IN LOG BOOK	KIO ₃	17								17					
	THIO	18								18					
* Notes: Temperature of samples very high although it did take 23 mins to finish sampling. Temp probe on deck & in hot cargo van so maybe still very warm & not enough water to stabilize.		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:	2018-37	1			14	3053	10.5			1					
Event:	14	2			15	611	10.6			2					
Station:	CPF2	3			16	570	10.5			3	16	708	10.6		
Event Date (Local):		4			17	612	9.9			4					
Analysis Date (Local):		5			18	3038	10.5			5					
Analyst:		6			19	3205	11.5			6					
Stdization Date (Local):		7			20	3043	19.1			7					Leaky Niskin
KIO ₃ N:		8			21	3129	19.7			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)	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:	2018-37	1	/	/	53	570	10.8		10.8°C	1					
Event:	68	2	/	/	54	3175	10.8			2					
Station:	46	3	/	/	55	3023	10.9			3					
Event Date (Local):	21 July 2018	4	/	/	56	3002	10.7			4					
Analysis Date (Local):		5	/	/	57	3161	12.7			5	57	3162	12.7		
Analyst:		6	/	/	58	3096	18.2			6					
Stdization Date (Local):		7	/	/	59	3066	18.5			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					
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