

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		425	94	11.3	2.791		1					
Event:	162	2		426	371	11.3	2.760	OT - check late endpoint	2					
Station:	22	3		427	621	11.3	2.698		3					
Event Date (Local):	10/9/18	4		428	1408	11.3	2.513		4					
Analysis Date (Local):	10 Sept	5		429 ^A	1429	11.2	2.854	→	5	429 ^B	2007	11.2	2.847	X
Analyst:	N ²	6		430	2015	11.4	3.206	OT - late endpoint	6					
Stdization Date (Local):	09 Sept	7		431	2016	11.6	3.098		7					
KIO ₃ N:	0.0117859	8		432	2017	12.1	3.287	OT - late endpoint - flask cracked	8					on bottom leaked sample into bath - (Flag?)
Standard Titer:	0.4715	9		433	2019	12.2	3.324		9					
Blank Titer:	0.0004	10		434	2025	13.4	4.008	OT - late endpoint	10					
THIO-N:	0.250061	11		435	2027	16.4	5.605		11					
Sample Flask	Yes	12		436	2032	17.6	6.258	OT - but late	12					
Water Seal?	No	13		437	2043	17.6	6.540		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					

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	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		444	2047	11.6	2.781							1						
Event:	168	2		445	2092	11.7	2.977							2						
Station:	GEO1	3		446	3032	11.8	2.995							3						
Event Date (Local):	16/9/18	4		447	3033	11.9	2.998							4						
Analysis Date (Local):	10 Sept	5		448	3054	11.5	3.104							5						
Analyst:	N2	6		444	3065	11.5	3.091							6						
Stdization Date (Local):	9 Sept	7		450	3062	11.4	3.263							7						
KIO ₃ N:	0.0117854	8		451	3094	11.7	3.296	→						8	451	3100	11.6	3.297		
Standard Titer:	0.4715	9		452	3116	11.9	3.405							9						
Blank Titer:	0.0004	10		453	3117	12.1	3.419							10						
THIO N:	0.250061	11		454	3127	13.4	4.053							11						
Sample Flask Water Seal?	Yes	12		455	3145	14.2	4.767							12						
	No	13		456	3147	14.3	4.834							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						
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