

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:	2023-034		1		1	2089	6.7	1.200	sat on stir plate 20 min before titration	1					
Event:	4		2		2	132	6.9	1.301		2					
Station:	2023-034-004		3		3A	1337	6.8	1.297		3	3B	940	7.1	1.301	
Event Date (Local):	2023-07-21		4		4	620	7.1	1.378		4					
Analysis Date (Local):	26 July 23		5		5	3089	7.3	1.476		5					
Analyst:	Tawera		6		6	3025	7.5	1.493		6					
Standardization Date (Local):	26 July 23		7		7	929	7.7	1.550		7					
KIO ₃ N:	0.4937307		8		8A	1322	7.9	1.523		8	8B	1002	8.0	1.520	
Standard Titer:	0.4937307		9		9	2047	7.9	1.601		9					
Blank Titer:	0.0003357		10		10	115	8.3	1.970		10					
THIO N:	0.239656		11		11	510	8.5	2.086		11					
Sample Flask Water Seal?	Yes		12		12	995	8.7	2.208		12					
	No		13		13	135	8.8	2.438		13					
Reagent Change?	MnCl ₂		14		14	2000	8.9	2.572		14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH		15		15	182	9.0	2.344		15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄		16		16	901	9.3	2.474		16					
	KIO ₃		17		17	3081	9.8	3.073	big bubble in flask crack in ground glass	17					
	THIO		18		18	161	10.7	3.884		18					
Notes:			19		19	3059	11.7	4.860	2 ml acid	19					
			20		20	3020	12.0	6.853	no temp recorded - entered 12.0	20					
			21						bubble in flask	21					

Earth.xlsx

ran at beginning of 2023-069

1	2	3A	3B	4	5	6	7	8A	8B	9	10	11	12	13	14
OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY
2023-034-...	2023-034-...	2023-034-...	2023-034-...	2023-034-...	2023-034-...	2023-034-...	2023-034-...	2023-034-...	2023-034-...	2023-034-...	2023-034-...	2023-034-...	2023-034-...	2023-034-...	2023-034-...
2023-034	2023-034	2023-034	2023-034	2023-034	2023-034	2023-034	2023-034	2023-034	2023-034	2023-034	2023-034	2023-034	2023-034	2023-034	2023-034
Btm-5 m	300 m	275 m	275 m	250 m	225 m	200 m	175 m	150 m	150 m	125 m	100 m	90 m	80 m	70 m	60 m
bot 1	bot 2	hnt 3	bot 3	bot 4	hnt 5	hnt 6	hnt 7	hnt 8	hnt 8	hnt 9	hnt 10	bot 11	bot 12	bot 13	bot 14