

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group



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:	2024-027	1		40	3138	11.1	2.162		1						
Event:	T30	2		41A	1312	11.1	2.699	cap a little loose.	2	41B	127	11.1	2.674		
Station:	SOG77	3		42	1055	11.3	2.850		3						
Event Date (Local):	2024-09-26	4		43	2095	11.3	2.941	EP late. O2 check	4						
Analysis Date (Local):	31 Oct 2024	5		44A	673	11.3	2.948		5	44B	985	11.3	2.943		
Analyst:	ER	6		45	631	11.5	2.907		6						
Stdization Date (Local):	30 Oct 2024	7		46	3023	11.3	2.776		7						
KIO ₃ N:	0.0119845	8		47	1309	11.3	1.975		8						
Standard Titer:	0.4847151	9		48A	3192	11.4	2.174		9	48B	190	11.4	2.173		
Blank Titer:	0.0002168	10		49	3057	11.6	2.760	bubble in flask.	10						
THIO N:	0.247456	11		50	1306	12.1	3.242	3.424	11						
Sample Flask Water Seal?	Yes	12		51	141	13.3	4.457		12						
	No	13		52	2088	15.0	5.759		13						
Reagent Change?	MnCl ₂	14		53	977	15.3	7.034		14						
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		40	41A	41B	42	43	44A	44B	45	46	47	48A	48B
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16		OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY
	KIO ₃	17		SOG77	SOG77	SOG77	SOG77	SOG77	SOG77	SOG77	SOG77	SOG77	SOG77	SOG77	SOG77
	THIO	18		2024-027	2024-027	2024-027	2024-027	2024-027	2024-027	2024-027	2024-02	2024-027	2024-027	2024-027	2024-027
		19		b-10 m	500 m	500 m	400 m	300 m	250 m	250 m	200 m	150 m	100 m	75 m	75 m
		20		bot 1	bot 2	bot 2	bot 3	bot 4	bot 5	bot 5	bot 6	bot 7	bot 8	bot 9	bot 9
Notes:		21				50	51	52	53						
AIKI = 2302 Feb 14/2023		22				OXY	OXY	OXY	OXY						
clopper # 26		23				SOG77	SOG77	SOG77	SOG77						
Shark.xlsx		24				2024-027	2024-027	2024-027	2024-027						
MnCl = 402 2023						25 m	10 m	5 m	0 m						
max Jan 31/2024						bot 11	bot 12	bot 13	bot 14						

Bottle integrity: First test the top vent (V) by opening the lower

column if either fails the integrity check and explain this in the comments column.

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:	2024-027						1		4	16	12.0	2.928		1						
Event:	15						2		5	113	-99	-99	not sampled	2						
Station:	Sotob SC00						3		6A	708	11.9	2.996		3	6B	962	11.9	2.990		
Event Date (Local):	2024-09-18						4		7	187	12.3	3.054		4						
Analysis Date (Local):	30 Oct 2024						5		8	3042	12.3	3.021		5						
Analyst:	ER						6		9A	2065	12.3	3.082		6	9B	3058	12.4	3.074		
Stdization Date (Local):	30 Oct 2024						7		10	3125	12.1	3.244		7						
KIO ₃ N:	0.0119845						8		11A	1378	12.9	3.257		8	11B	1470	12.9	3.261		
Standard Titer:	0.4847151						9		12	3000	15.4	4.602		9						
Blank Titer:	0.0002168						10		13	983	17.7	6.067		10						
THIO N:	0.247456						11		14	989	18.0			11						
Sample Flask Water Seal?	Yes						12		4					12						
Reagent Change?	MnCl ₂						13		OXY					13						
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH						14		SG06					14						
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄						15		2024-027					15						
	KIO ₃						16		b-10 m					16						
	THIO						17		bot 1					17						
Notes:							18							18						
alk I = 2302 Feb 14 / 2024							19							19						
dispenser # 26							20							20						
Octopus.xlsx							21							21						
HnCl = 2223 max							22							22						
Jan 31 / 2024							23							23						
Dispenser # 12							24							24						

23		10 m	bot 10	0 m	24	
24		bot 9		bot 11		

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.

awesome
clips
for
6 weeks