

# Oxygen Analysis Log #1

Cruise: AT50-29  
 Date/Time: 8-09-24 1922  
 Analyst: JN

Standard Normality: 0.01  
 Pipette Volume: 10.06 mL  
 Avg Standard: \_\_\_\_\_  
 Avg Correction Factor: \_\_\_\_\_

General comments: \_\_\_\_\_

Cast #	Niskin # <i>Starboard</i>	Depth (m)	O2 Bottle #	O2 Bottle Volume	Buret Reading	Notes
<del>12-1602</del>	1 fwd		337	<del>132.79</del>	0.2480	133.79 O2 vol
"	1 fwd		338A	138.84	0.2580	
T2-1605	1 fwd		097	132.58	0.4400	leaked niskin, only 1 sample taken
CTD-001	3	200	339A	142.67	0.1900	
	3	200	340	138.84	0.1860	
	5	180	341	129.52	0.1840	
	7	160	342A	142.65	0.2040	
	9	140	343	128.44	0.2140	
	11	120	344	134.13	0.2640	
	13	100	345	138.02	0.3140	
	15	80	346	132.60	0.2900	
	17	60	347A	139.56	0.4060	
	19	40	348	132.10	0.5260	
CTD-002	3	200	349	129.17	0.2960	
	3	200	350	133.59	0.3060	
	7	160	351	128.81	0.3300	
	11	120	352	134.20	0.4660	
	13	<del>100</del> 100	353B	140.21	0.5720	
	15	<del>81</del> 81	354	132.83	0.6320	
	17	61.2	355A	140.50	0.7920	
	21	21.3	356A	134.66	0.6600	
	23	11.6	357	137.94	0.6780	
	23	11.6	358	135.75	0.6680	

Std #1 0.5640 pre/post analysis?

Blank #1 0.0520 pre/post analysis?

Std #2 0.5280

Blank #2 0.0540

Std #3 0.5100

Blank #3

Std #4 0.5000

Blank #4

Std #5 0.4940

Std #6 0.4940

# Oxygen Analysis Log #2

Cruise: AT 50-29  
Date/Time: Aug 12, 2024  
Analyst: JN

Standard Normality: 0.01 N  
 Pipette Volume: 10.00  
 Avg Standard: \_\_\_\_\_  
 Avg Correction Factor: \_\_\_\_\_

**General comments:**

[illegible]

Std #1	pre/post analysis?
0.4740	

Blank #1	0.0500	pre/post analysis?
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Std #2 0.4760 |

Blank #2 0.0500

Std #3 0.4880 |

Blank #3

Std #4 0.4880

Blank #4

Std #5

Std #6

# Oxygen Analysis Log #3

Cruise: AT 50-29  
Date/Time: Aug 16 1640  
Analyst: JN

Standard Normality: 0.10 N  
 Pipette Volume: 10.0  
 Avg Standard: 0.4760  
 Avg Correction Factor: 1.002

**General comments:**

[illegible]

Std #1	0.4760	pre/post analysis?
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Blank #1	0.0480	pre/post analysis?
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Std #2 0.4760

Blank #2 0.0460 |

Std #3

Blank #3

Std #4

Blank #4

Std #5

Std #6

# Oxygen Analysis Log #4

Cruise: A150-29  
Date/Time: Aug 20 2024  
Analyst: JN

Standard Normality:	0.10 N
Pipette Volume:	10.0 mL
Avg Standard:	0.4813
Avg Correction Factor:	-0.002

**General comments:**

[illegible]

Std #1	0.4760	pre/post analysis?
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Blank #1	0.0480	pre/post analysis?
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Std #2 0.4840

Blank #2 0.0500

Std #3 0.4840

Blank #3

Std #4

Blank #4

Std #5 \_\_\_\_\_

Std #6

# Oxygen Analysis Log 5

Cruise: AT 50-29  
Date/Time: Aug 23, 1930  
Analyst: JN

Standard Normality:	0.10 N
Pipette Volume:	10.0 mL
Avg Standard:	0.4767
Avg Correction Factor:	0.048

**General comments:**

[illegible]

Std #	pre/post analysis?	Blank #	pre/post analysis?
Std #1	0.4780	Blank #1	0.0480
Std #2	0.4740	Blank #2	0.0480
Std #3	0.4780	Blank #3	
Std #4		Blank #4	
Std #5			
Std #6			

## C

Standard Normality:	0.10 N
Pipette Volume:	10.0 mL
Avg Standard:	6.468
Avg Correction Factor:	0.0470

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Std #	pre/post analysis?
Std #1	0.4460
Std #2	0.4760
Std #3	0.4740
Std #4	0.4760
Std #5	
Std #6	

Blank #	pre/post analysis?
Blank #1	0.0460
Blank #2	0.0480
Blank #3	
Blank #4	



# Oxygen Analysis Log

Cruise: AT50-29  
 Date/Time: Aug 30 2030  
 Analyst: JN

Standard Normality: 0.10 N  
 Pipette Volume: 10.0 mL  
 Avg Standard: 0.4786  
 Avg Correction Factor: 0.0490

General comments: \_\_\_\_\_

Cast #	Niskin #	Depth (m)	O2 Bottle #	O2 Bottle Volume	Buret Reading	Notes
J2-1647	3-fwd	2606	365	141.76	0.2300	
"	<del>34-off</del>	2606	366A	138.32	0.2200	
J2-1648	3-fwd	200	367	131.04	0.3820	
	3-fwd	200	368	140.38	0.4040	
CTD-007	3	2400	347A	139.56	0.2020	
	3	2400	348	132.10	0.1940	
	<del>5</del>	<del>2250</del>	<del>350</del>	<del>128.81</del>	<del>0.1880</del>	<del>133.59</del> titrated 349
	7	2000	352	134.20	0.1620	here
	9	1750	354	132.83	0.1240	gm
	13	1251	356A	134.66	0.0440	
	15	1001	357	137.94	0.0520	* may have over shot gm
	17	750	358	135.75	0.0300	
	19	500	360	130.97	0.1120	
	21	300	362	123.30	0.2280	
	23	200	364A	144.37	0.3920	
	4	2400	349	129.17	0.1880	student titrated
	6	2250	351	128.81	0.1700	" will
	8	2001	353B	140.21	0.1680	" will
	10	1751	355A	140.50	0.1340	" will
	18	750	359A	145.64	0.0300	" Victoria
	20	500	361	129.06	0.1120	" Victoria
	22	300	363	131.84	0.2440	" Paige
	5	2250	350	133.59	0.1840	titrated by gm

Std #1 0.4760 pre/post analysis?

Blank #1 0.0480 pre/post analysis?

Std #2 0.4800

Blank #2 0.0500

Std #3 0.4800

Blank #3

Std #4

Blank #4

Std #5

Std #6