

# Colorado State University – Fisheries Ecology Laboratory

## Triploid Walleye Calorimetry Data Sheet

EE Value Used: \_\_\_\_\_

Processing Date(w/initials): 2/19/19

CJP  
entered  
2/19/19

	Sample ID	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1	BA02191901	.20906	50	50	2.4712	26.1397	26.2088
2	BA02191902	.20987	34	66	2.4913	26.2539	26.2493
3	ANX 102518J020M	.14026	30	70	1.4225	22.2390	22.2047
4	J021M	0.13865	23	77	1.4619	22.1649	22.0815
5	J022M	0.07602	44	56	0.7871	22.3361	22.4501
6	J023M	0.10844	26	74	1.1132	22.3838	22.3039
7	J024M	0.10791	25	75	1.0947	22.1112	22.0220
8	J025M	0.08615	41	59	0.8929	22.4573	22.5243
9	JUM092718J009M	0.10154	27	73	0.4488	21.3856	21.3098
10	J010M	0.07528	39	61	0.7660	21.7661	21.8113
11	J011M	.11871	23	77	1.1878	21.8533	21.7559
12	ANX 111218J004	.16726	26	74	1.5877	20.8577	20.8059
13	BA 02191913	.18668	28	72	2.2268	26.3452	26.3091
14	BA 02201901	.21729	27	73	2.5863	26.3345	26.2091
15	BA 02201902	.19865	39	61	2.3548	26.1995	26.2189
16	JUM092718J012M	.14407	27	73	1.4051	21.3809	21.3274

Notes:

Data Entry Date (w/initials): \_\_\_\_\_

Data Audit Date (w/initials): \_\_\_\_\_

**Colorado State University – Fisheries Ecology Laboratory**  
**Triploid Walleye Calorimetry Data Sheet**

EE Value Used: \_\_\_\_\_

Processing Date(w/initials) 2/21

Sample ID	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1 BA022119.01	0.20702	48	52	<u>—</u>	no data?	<u>—</u>
2 BA0221902	0.21201	29	71	2.5100	26.1861	26.1588
3 BA0221903	0.20699	58	42	2.4461	26.1306	26.2376
4 jum0927185013M	0.08169	54	46	0.7938	20.9697	21.1937
5 014M	0.10232	30	70	1.0355	21.9172	21.8704
6 015m	0.09973	36	64	0.9918	21.6170	21.6266
7 BA02211904	0.20893	54	46	2.4562	25.9954	26.0830
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Data Entry Date (w/initials): \_\_\_\_\_

Data Audit Date (w/initials): \_\_\_\_\_



# Colorado State University – Fisheries Ecology Laboratory

## Triploid Walleye Calorimetry Data Sheet

EE Value Used: \_\_\_\_\_

Processing Date: 2/22/19  
2/27/19

Sample ID	Initials	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1 BA02221901	CJF	0.17848	46	54	2.1241	26.2688	26.3281
2 BA02221902	JRP	0.20581	45	55	2.4258	26.0597	26.1064
3 JUM092518J006M	JRP	0.08891	28	72	0.9127	22.2585	22.1826
4 J009M		0.11417	28	72	1.1484	21.9500	21.8910
5 J011M		0.07140	24	76	0.7419	22.3641	22.2158
6 J015M		0.07471	46	54	0.7497	21.6063	21.7481
7 J022M		0.07296	24	76	0.7514	22.1773	22.0321
8 J023M		.15896	31	69	1.5377	21.2434	21.2192
9 J028M	NA	.12199	36	64	1.1920	21.4344	21.4423
10 T036M	NA	.09993	28	72	1.0104	21.9898	21.9223
11 BA02271901	NA	.20625	28	72	2.4551	26.3219	26.2892
12 BA02271902	NA	.20142	30	70	2.3884	26.2120	26.1881
13 JUM092718J006	NA	.11881	26	74	1.1387	20.9047	20.8318
14 T019		.12095	41	59	1.2132	21.5624	21.6094
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Data Entry Date (w/initials): \_\_\_\_\_

Data Audit Date (w/initials): \_\_\_\_\_

# Colorado State University -- Fisheries Ecology Laboratory

## Triploid Walleye Calorimetry Data Sheet

EE Value Used: \_\_\_\_\_

Processing Date: 03/01/18

Sample ID	Initials	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1 BA030119001	JRP	0.20198	31	69	2.3770	26.0131	25.9940
2 BA030119002	JRP	0.20608	20	80	2.4427	26.2093	26.1392
3 JUM092718J031	J	0.08870	38	62	0.8962	21.8932	21.9258
4 J032M	J	0.06583	27	73	0.6529	21.2329	21.1159
5 JUM101118J006M	J	0.08690	unburned fuse pieces lost, redo sample				
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Data Entry Date (w/initials): \_\_\_\_\_

Data Audit Date (w/initials): \_\_\_\_\_

# Colorado State University – Fisheries Ecology Laboratory

## Triploid Walleye Calorimetry Data Sheet

EE Value Used: \_\_\_\_\_

Processing Date(w/initials): 2/15/19

	Sample ID	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1	BA02151901	0.21359	27	73	2.5312	26.2143	26.1782
2	BA02151902	0.14515	26	74	2.3498	26.6118	26.5674
3	ANX1025185016M	0.11723	28	72	1.1479	21.5676	21.3101
4	ANX1025185017M	.12276	26	74	1.2118	21.5696	21.4990
5	ANX1025185018M	.12279	36	64	1.2200	21.7146	21.7224
6	ANX1025185019M	.09199	18	82	.9118	21.4894	21.3114
7	BA02151903	.21329	33	67	2.5271	26.2142	26.2051
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Notes:

Data Entry Date (w/initials): CTF 2/18/19

Data Audit Date (w/initials): \_\_\_\_\_

\* Benzoic Acid Before & After

Colorado State University – Fisheries Ecology Laboratory

Triploid Walleye Calorimetry Data Sheet

EE Value Used: \_\_\_\_\_

Processing Date(w/initials): 2/14/19

	Sample ID	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1	BA02141901	0.20825	36	64	2.4811		26.3523
2	BA02141902	.19529	50	50	2.3029	26.0562	26.1301
3	ANX1025185011M	.15001	48	52	1.5060	22.0377	22.1212
4	ANX1025185012M	.12923	34	66	1.2658	21.4246	21.4171
5	ANX1025185013M	.15605	13	87	1.5694	27.0940	21.9582
6	ANX1025185014M	.15090	41	59	1.5129	22.0109	22.0492
7	ANX1025185015M	.14221	36	64	1.4474	22.3318	22.3251
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Notes:

Data Entry Date (w/initials): UF 2/18/19

Data Audit Date (w/initials): \_\_\_\_\_

# Colorado State University – Fisheries Ecology Laboratory

## Triploid Walleye Calorimetry Data Sheet

EE Value Used: \_\_\_\_\_

Processing Date(w/initials): 2/13/19

	Sample ID	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1	BA02131901	0.19191	33	69	2.2660	26.1075	26.0874
2	BA02131902	0.20499	27	73	2.4472	26.4100	26.3724
3	ANX1025185004	0.1776	31	69	1.7649	21.8559	21.8343
4	ANX1025185005	0.1255	36	64	1.2474	21.7932	21.8009
5	J006m	0.16404	38	62	1.8471	22.1092	22.1249
6	J007m	0.18102	41	59	1.8330	22.3036	22.3356
7	J008m	0.14995	40	60	1.5318	22.4314	22.4635
8	J009m	0.17877	62	38	1.6775	20.6391	20.7845
9	J010m	0.16043	45	55	1.5004	21.8929	21.9569
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Notes:

Data Entry Date (w/initials): CSF 2/18/19

Data Audit Date (w/initials): \_\_\_\_\_

# Colorado State University – Fisheries Ecology Laboratory

## Triploid Walleye Calorimetry Data Sheet

EE Value Used: 534.2385

Processing Date(w/initials): \_\_\_\_\_

	Sample ID	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
	1 ANX091818J004M	0.09101	36	64	0.9258	22.0668	22.0774
	2 ANX091818J005M	0.12785	39	61	1.2812	21.9255	21.9557
25	3 " "	0.11332	44	56	1.0724	20.6144	20.6909
26	4 " "	0.13406	45	55	1.3514	22.0802	22.1520
27	5 ANX091818T006M	0.08686	44	56	0.8102	20.1424	20.2422
28	6 " "	0.12852	44	56	1.2259	20.8485	20.9159
29	7 " "	0.12444	29	71	1.1937	20.9537	20.9073
2/7/19	8 BA	0.20024	61	39	1.7154	18.8489	18.9739
	9 BA	0.20128	36	64	2.4625	26.6543	24.6591
	10 ANX091818T007M	0.11962	39	61	1.2253	22.3888	22.4210
	11 ↓	0.10258	39	66	1.0480	22.2422	22.2328
	12 ↓	0.11858	39	61	1.2102	22.2990	22.2665
	13 ANX091818T008M	0.16298	43	57	1.6401	22.1244	22.1717
	14 ↓	0.11049	28	72	1.1287	22.2839	22.2316
	15 ↓	0.17820	51	44	1.7656	21.8105	21.8969
	16 ANX091818T009M	0.11224	31	69	1.1438	22.2306	20.2023

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Notes:

Data Entry Date (w/initials): 2/12/19 CJF

Data Audit Date (w/initials): \_\_\_\_\_



# Colorado State University – Fisheries Ecology Laboratory

## Triploid Walleye Calorimetry Data Sheet

EE Value Used: \_\_\_\_\_

Processing Date(w/initials): 2/12/18 JP

Sample ID	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1 Benz acid	0.20328	33	67	2.4119	26.2310	26.2216
2 ANX0918185024M	0.13244	30	70	1.3180	21.7865	21.7502
3 ANX1025185001M	0.17280	34	66	1.7358	22.1064	22.1009
4 ANX1025185002M	0.13519	53	47	1.3003	21.0504	21.1786
5 1' 1'5003M	0.11335	58	42	1.1362	21.8685	22.0639
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Notes:

Data Entry Date (w/initials): 2/13/19

Data Audit Date (w/initials): \_\_\_\_\_

# Colorado State University – Fisheries Ecology Laboratory

## Triploid Walleye Calorimetry Data Sheet

EE Value Used: \_\_\_\_\_

Processing Date(w/initials): 2/11/19

Sample ID	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1 Benz Acid 1	0.20958	38	62	2.5046	26.4316	26.4454
2 " 2	0.20981	39	61	2.4818	26.1593	26.1777
3 ANX09K 18J018 M	0.14227	43	57	1.4348	22.1184	22.1725
4 J019 M	0.10152	15	45	1.0523	22.5680	22.3783
5 J020 M	0.13495	72	28	1.3242	21.4836	21.7478
6 J021 M	0.16304	25	75	1.6430	22.1559	22.0969
7 J022 M	0.23968	76	24	2.3399	21.5758	21.7405
8 J023 M	0.113470	31	69	1.3699	22.2833	22.2547
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Notes:

Data Entry Date (w/initials): 2/12/19 UJF  
 Data Audit Date (w/initials): \_\_\_\_\_

# Colorado State University – Fisheries Ecology Laboratory

## Triploid Walleye Calorimetry Data Sheet

EE Value Used: \_\_\_\_\_

Processing Date(w/initials): 2/8/19

Sample ID	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1 Benz acid	0.20443	27	73	2.4495	41.5898	26.4567
2 Benz acid	0.20837	42	58	2.4752	26.2098	26.3021
3 ANX0909185010	0.14604	31	69	1.4721	22.1183	22.0919
4 ANX0909185011	0.08693	35	65	0.8919	22.2286	22.2286
5 J012	0.18525	31	69	1.8614	22.1366	22.1158
6 J013	0.22229	40	60	2.2218	22.0752	22.0968
7 J014	.15543	55	45	1.5454	21.7666	21.8801
8 J015	.11253	50	50	1.1307	21.9178	22.0462
9 J016	.13823	35	65	1.3809	21.8921	21.8921
10 J017	.13123	36	64	1.3104	21.8583	21.8656
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Notes:

Data Entry Date (w/initials): 2/12/19 C5F

Data Audit Date (w/initials): \_\_\_\_\_

# Colorado State University – Fisheries Ecology Laboratory

## Triploid Walleye Calorimetry Data Sheet

EE Value Used:

534.2305

Processing Date(w/initials):

02/01/19 JF

Sample ID	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1 Benzoic standard	0.18615	31	69	2.1388	26.5647	26.5440
2 Benzoic standard	0.21234	33	67	2.5228	26.2794	26.2703
3 ANX0918185001M	0.10486	43	57	1.0500	21.8004	21.8739
4 " "	0.15199	30	70	1.5143	21.8727	21.8410
5 " "	0.14251	28	72	1.4211	21.8649	21.8176
6 ANX0918165002M	0.13104	40	60	1.3262	22.1602	22.3439
7 ↓	0.13402	76	24	1.3299	21.7278	22.0224
8 ↓	0.22549	62	38	2.1946	21.4916	21.6069
9 ANX0918185003M	0.24097	33	67	2.2266	20.4080	20.4000
10 Standard #2	.20621	32	68	2.3777	25.4868	25.4728
11 ANX0918185003M	.15733	27	73	1.4352	19.9884	19.9395
12 " "	0.18425	30	70	1.8250	21.8153	21.7892
13 ANX0918185004M	0.15031	41	59	1.5006	21.9146	21.9530
14 Benzoic standard	0.20085	39	61	2.3946	26.3581	26.3772
15 Benzoic standard	0.20525	43	57	2.4371	26.2533	26.2908
16 ANX0918185004M	0.11896	62	38	1.1885	21.8197	22.0383

Notes:

Data Entry Date (w/initials):

2/12/19 LTF

Data Audit Date (w/initials):