

5/10 16,23  
U2 5th 5/31

Notes

Sample ID ~~1605-1~~ ~~1605-2~~ ~~1605-3~~ ~~1605-4~~ ~~1605-5~~ ~~1605-6~~ ~~1605-7~~ ~~1605-8~~ ~~1605-9~~ ~~1605-10~~ ~~1605-11~~ ~~1605-12~~ ~~1605-13~~ ~~1605-14~~ ~~1605-15~~ ~~1605-16~~ ~~1605-17~~

~~1605-1~~ ~~1605-2~~ ~~1605-3~~ ~~1605-4~~ ~~1605-5~~ ~~1605-6~~ ~~1605-7~~ ~~1605-8~~ ~~1605-9~~ ~~1605-10~~ ~~1605-11~~ ~~1605-12~~ ~~1605-13~~ ~~1605-14~~ ~~1605-15~~ ~~1605-16~~ ~~1605-17~~

Mixed + Beads

Sample	Wt. Tube Beads	Wt. Tube + Beads (D)	Tube Bead + Dry (D)	TV	TV Wt + Dry Lipid						+ Lean Mass
20100605 <del>1605-1</del>	1.8092	1.8908	1.8337	15.1333	15.1417						1.8271
U216 <del>1605-2</del>	1.7023	1.7991	1.7308	14.9687	14.9794						1.7218
U216 <del>1605-3</del>	1.7287	1.8312	1.7610	14.7095	14.7223						1.7509
U216 <del>1605-4</del>	1.7790	1.8601	1.8027	14.9541	14.9630						1.7956
U216 <del>1605-5</del>	1.7655	1.8494	1.7898	14.7920	14.8010						1.7832
U216 <del>1605-6</del>	1.8056	1.8829	1.8218	14.8072	14.8156						1.8226
U216 <del>1605-7</del>	1.7548	1.8649	1.7885	15.0955	15.1056						1.7724
U216 <del>1605-8</del>	1.8296	1.9398	1.8652	15.1468	15.1601						1.8535
U216 <del>1605-9</del>	1.7521	1.8557	1.7829	15.1066	15.1173						1.7745
U216 <del>1605-10</del>	1.8407	1.9278	1.8688	15.7219	15.2312						1.8600
U216 <del>1605-11</del>	1.8348	1.9397	1.8672	15.1568	15.2008						1.8562
U216 <del>1605-12</del>	1.8137	1.9194	1.8488	14.9811	15.0018						1.8355
U216 <del>1605-13</del>	1.7866	1.8933	1.8134	15.1915	15.2062						1.8078
U216 <del>1605-14</del>	1.7704	1.8584	1.7976	15.0343	15.0492						1.7897
U216 <del>1605-15</del>	1.7691	1.8423	1.7899	14.9573	15.0105						1.7841
U216 <del>1605-16</del>	1.7739	1.8691	1.8017	15.0517	15.0927						1.7923
U216 <del>1605-17</del>	1.7406	1.8276	1.7678	15.1964	15.2531						1.7579





Don / Maxin

Blank tube 1.5242 Blank beads 1.8126

Sample ID	Microtube Wt + Beads + Larva	Microtube wt + Beads + Dry Larvae	Microtube + Beads + Dry Larvae	TV vials	Dry TV + Lipids	Microtube + Beads + Dry Larvae
UZ16 0607-01	2.0279	1.9710	1.9901	15.1122	15.1239	1.9925
UZ16 0607-02	1.8828	1.8149	1.8381	15.1245	15.1405	1.8385
UZ16 0607-03	1.8718	1.7915	1.8192	15.1684	15.1835	1.8182
UZ16 0607-04	1.9465	1.8874	1.9086	14.7137	14.7254	1.9116
UZ16 0607-05	1.9181	1.8580	1.8796	15.1236 Blank 15.1317	15.1367 15.1561	1.8797
UZ16 0607-06	1.8919	1.8295	1.8561	15.2253	15.2442	1.8434
UZ16 0607-07	2.0606	1.9839	2.0130	14.7673	14.7921	2.0025
UZ16 0607-08	2.1742	2.0905	2.1200	15.1877	15.2108	2.1086
UZ16 0607-8		1.8423		15.1317		1.8530

U2 6/2 16.23

Sample ID	Microtube Wt + Beads + L	Microtube wt + Beads + Larvae	Microtube + Beads + Dry Larvae	TV vials	2.5mg/mL Trilitep (vol)	Dry TV wt + Lipid	Dry Lipid in 3mL DM	Microtube + Beads + Dry Larvae + Lipids
u21c	2.0749 ✓	2.6167 E	2.0881 ✓	14.9527		14.8696		2.0317
u21c	1.9108 ✓	1.8424 ✓	1.8662 ✓	14.9602		14.9782		1.8577
u21c	2.0526 E	1.9874 ✓	2.0094 ✓	14.9747		14.8923		2.0035
u21b	2.0828 ✓	1.9716 ✓	1.9926 ✓	14.6954		14.7131		1.9856
u21b	1.9840 ✓	1.9229 ✓	1.9431 ✓	14.8293		14.8889		1.9366
u21b	2.1715 ✓	2.0943 ✓	2.1237 ✓	14.8711		14.8495		2.0147
u21b	2.2375 ✓	2.1589 ✓	2.1840 ✓	14.7981		14.8168		2.1754
u21b	2.0966 ✓	2.6235 ✓	2.6551 ✓	15.2084	193µL	15.2210	0.0125g/3mL	2.0416
u21b	2.0011 E	1.9362 ✓	1.9590 E	15.2414	193µL	15.2552	0.0138g/3mL	1.9556
u21b	1.9287 ✓	1.8693 ✓	1.8896 ✓	15.2092	193µL	15.2130	0.00385g/3mL	1.8894

5/10 1623  
u2 54:62



Sample 234

[illegible]

Sample ID	Microtube Wt + Beads + <sup>WT</sup> (✓)	Microtube wt + <sup>WT</sup> Beads + <sup>WT</sup> Larvae	Microtube + Beads + Dry Larvae	TV vials	TV + Lipids	Dry lipid wt	Conc in 3ml of Dcm	Microtubes + Beads + Dry Larvae [Lipids]
U212 0610-8	1.9249 ✓	1.8421 ✓	1.8791 ✓	15.2019	15.2239			1.8650
U212 0610-9	1.9596 ✓	1.8456 ✓	1.8947 ✓	15.2492	15.2792			1.8749
U212 0610-10	2.1298 ✓	2.0598 ✓	2.0900 ✓	15.0681	15.0838			2.0813
U212 0610-11	1.9690 ✓	1.8512 ✓	1.9001 ✓	14.9754	15.0011			1.8800
U212 0610-12	2.1277 ✓	2.0425 ✓	2.0796 ✓	14.7622	14.7205			2.0678
U212 0610-13	1.9661 ✓	1.8892 ✓	1.9188 ✓	15.1896	15.2041			1.9115
U212 0610-14	1.9717 ✓	1.8813 ✓	1.9206 ✓	15.1007	15.1212			1.9087
U212 0610-15	1.9647 ✓	1.8987 ✓	1.9269 ✓	15.0450	15.0594			1.9193
U212 0610-16	1.9870 ✓	1.8846 ✓	1.9274 ✓	15.1607	15.1819			1.9122
U212 0610-17	—	—	—	15.0887	15.0899			2.0239

5/10 U212  
U2 ~5th 6/5



Sample ID	Microtube Wt + Beads + <del>TV</del>	Microtube wt + <del>TV</del>	Microtube + Beads + Dry Larvae	TV vials		TV + Dry Lipids	Microtube + Beads + Dry Larvae + Lipids
U212	1.9841	1.8582	1.9081	15.0211	0611-8/24 TV vial wt = 1.9359 / 15.1087	15.0452	1.8886
U212	1.8934	1.8142	1.8478	15.0816	0611-8 7/24 TV + Lipids wt 15.1099	15.0984	1.8364
U212	1.9715	1.8808	1.9209	14.9683		14.9891	1.9051
U212	1.9366	1.8630	1.8937	15.1253		15.1404	1.8845
U212	1.8649	1.7885	1.8212	15.2441		15.2607	1.8102
U212	2.1268	2.0487	2.0824	15.0256		15.0425	2.0722
U212	1.9800	1.8561	1.9094	15.0950		15.1211	1.8882
U212	2.2035	2.1161	2.1547	14.7040		14.7239	2.1432
U212	2.0985	1.9731	2.0241	15.2749		15.3010	2.0052
U212	2.1870	2.0802	2.1221	15.1775		15.1971	2.1061
U212	2.0278	1.9330	1.9731	15.0505		15.0713	1.9569
U212	2.0516	1.9521	1.9958	14.9699		14.9919	1.9784
U212	2.1109	1.9941	2.0437	15.2345		15.2603	2.0229
U212	2.0471	1.9325	1.9828	15.1195		15.1455	1.9618
U212	1.9595	1.8597	1.9013	15.0503		15.0710	1.8860

5/10  
U2

12/25  
5th 6/5

0611-13 0724 1.9389

[illegible]



4 Beads  
+ 1 can  
= 533

the p.d. across it

\*DCM dried etc of leaves used SquallVac  
adding applying standard

Used To Determine % recovery

Sample ID	Microtube Wt + Beads + <sup>Wt</sup> <del>Wt</del>	Microtube wt + Beads <del>Wt</del>	Microtube + Beads + Dry Larvae	TV vials				
U212	✓	✓	✓	<u>1. rearing</u>				
0612-1	1.9135	1.9002	1.9321					
U212	✓	✓	✓	<u>1. rearing</u>				
0612-2	2.0683	1.9822	2.0207					
U212	✓	✓	✓	<u>1. rearing</u>				
0612-3	2.0255	1.9183	1.9695					
U212	✓	✓	✓	<u>1. rearing</u>				
0612-4	2.0420	1.9652	1.9989					
U212	✓	✓	✓	<u>1. rearing</u>				
0612-5	2.1034	2.0019	2.0451					
U212	✓	✓	✓	<u>1. rearing</u>				
0612-6	2.1074	1.9972	2.0442					

5/10 12, 23  
VZ 5<sup>th</sup>: 6/15



Sample Name	Microtube Wt + Beads	Microtube wt + Beads + WET Larvae	Microtube + Beads + DRY Larvae	TV wt	TV wt + DRY Lipids	TV wt	Microtube Beads + Dry Larvae + Lipids TV wt + DRY TAG
UZ12 0613-01	1.9638	2.0654	2.0084	15.1137	15.1408		1.9944
UZ12 0613-02	1.9207	1.9923	1.9519	15.0340	15.0803		1.9457
UZ12 0613-03	2.0244	2.0947	2.0549	16.1159	15.1589		2.0504
UZ12 0613-04	1.8817	1.9529	1.9128	15.2459	15.2875		1.9064
UZ12 0613-05	2.0039	2.0905	2.0419	15.2195	15.2690		2.0304
UZ12 0613-06	1.8781	1.9769	1.9213	15.2165	15.2422		1.9077
UZ12 0613-07	2.0391	2.1418	2.0850	15.2535	15.2980		2.0714
UZ12 0613-08	2.0900	2.1760	2.1280	Used for 1 run			
UZ12 0613-09	1.9270	2.0297	1.9704	Used for 1 run			
<del>UZ12 0613-10</del> BAK 0705	1,91127			15.1105	15.1137		1.9512
<del>UZ12 0613-11</del>							
<del>UZ12 0613-12</del>							
<del>UZ12 0613-13</del>							
<del>UZ12 0613-14</del>							
<del>UZ12 0613-15</del>							
<del>UZ12 0613-16</del>							
<del>UZ12 0613-17</del>							
<del>UZ12 0613-18</del>							

Sample Name	Microtube Wt + Beads	Microtube wt + Beads + WET Larvae	Microtube + Beads + DRY Larvae	TV wt	TV wt + DRY Lipids	TV wt	Microtube + Beads + DRY Lipids
BE 1c							
0621-1	2.0366	2.1073	2.0640	15.5013	15.5179		2.0536
BE 1c							
0621-2	2.0113	2.0712	2.0353	14.7734	14.9873		2.0286
BE 1c							
0621-3	1.9967	2.0454	2.0141	14.8870	14.8968		2.0117
BE 1c							
0621-4	2.3661	2.4405	2.3930	14.8935	14.9126		2.3808
BE 1c							
0621-5	2.3435	2.3915	2.3623	15.5490	15.5595		2.3590
BE 1c							
0621-6	1.9673	2.0295	1.9910	14.9647	14.8715		1.9850
BE 1c							
0621-7	2.3524 *	2.4104	2.3743	14.9051	14.8176		2.3693
BE 1c							
0621-8	2.3359	2.3840	2.3525	15.0782	15.0879		2.3509
BE 1c							
0621-9	1.9752	2.0310	1.9964	14.9978	15.0095		1.9909
BE 1c							
0621-10	2.3368	2.4030	2.3653	14.9016	14.9137		2.3544
BE 1c							
0621-11	2.3424	2.4116	2.3699	14.9492	14.9648		2.3607
0621-B 7/31							
1.7066				14.8664	14.8694		1.7096

BE 1c, 23



[illegible]

Be 16, 23  
U: 6/22

Sample Name	Microtube Wt + Beads	Microtube wt + Beads + WET Larvae	Microtube + Beads + DRY Larvae	TV wt	TV wt + DRY Lipids	TV wt	Microtube + Beads + DRY Lipids
BE 16 0623-1	1.7486	1.8211	1.7789	14.3795	14.3937		1.7678
BE 16 0623-2	1.9306	2.0104	1.9612	14.7685	14.7855		1.9511
BE 16 0623-3	2.0027	2.0828	2.0342			Used for % recovery	
BE 16 0623-4	1.7674	1.8160	1.7843				
BE 16 0623-5	1.8972	1.9690	1.9245			used for % recovery	
BE 12 0623-6	1.8692	1.9512	1.9033	15.3474	15.4208		1.8924
BE 12 0623-7	1.8807	1.9561	1.9130	15.1355	15.1603		1.9022
BE 12 0623-8	1.8571	1.9468	1.8936	15.2749	15.2522		1.8817
BE 12 0623-9	1.7807	1.8493	1.8104	15.3103	15.3334		1.8604
BE 12 0623-10	1.7797	1.8480	1.8068	15.2505	15.2681		1.7990
BE 12 0623-11	1.8380	1.9346	1.8767	15.5463	15.5733		1.8648

BE 5/26 16, 23  
5th 6/21

Day 14  
Total Lipid  
Sample size

BE 12, 23  
5/26



Sample Name	Microtube Wt + Beads	Microtube wt + Beads + WET Larvae	Microtube + Beads + DRY Larvae	TV wt	TV wt + DRY Lipids	TV wt	Microtube + Beads + DRY Larvae [- lipids] TV wt + DRY TAG
BE12 0627-1	2.1760	2.2295	2.1976	15.1175	15.1305		2.1940
BE12 0627-2	1.8154	1.8913	1.8474	14.9488	14.9645		1.8373
BE12 0627-3	1.8938	1.9669	1.9268	15.1704	15.1871		1.9173
BE12 0627-4	1.8012	1.8822	1.8393	15.2395	15.2611		1.8259
BE12 0627-5	1.7735	1.8486	1.8063	15.1541	15.1713		1.7968
BE12 0627-6	1.8084	1.8864	1.8417	15.1252	15.1430		1.8321
BE12 0627-7	1.8550	1.9441	1.8961	15.0376	15.0599		1.8866
BE12 0627-8	1.8635	1.9436	1.8999	15.0957	15.1156		1.8873
BE12 0627-9	1.9080	2.0055	1.9510	15.0153	15.0378		1.9356
BE12 0627-10	1.8481	1.9528	1.8945	15.2156	15.2396		1.8779
BE12 0627-11	1.9443	2.0382	1.9863	15.1477	15.1705		1.9718
BE12 0627-12	1.8905	1.9759	1.9286	15.0409	15.0793		1.9165
BE12 0627-13	1.8773	1.9754	1.9219	15.5346	15.5660		1.9046
BE12 0627-14	1.7805	1.8746	1.8236	15.4115	15.4390		1.8671
BE12 0627-15	1.9344	2.0396	1.9813	15.3391	15.3661		1.9645
BE12 0627-16	1.8079	1.8795	1.8400	15.4308	15.4517		1.8295
BE12 0627-17	1.7791	1.8592	1.8122	15.4442	15.5159		1.8012
BE12 0627-18	1.7722	1.8595	1.8099	15.3433	15.3673		1.7964

5/26  
BE  
12, 23  
5th 6/19

3  
5/26  
BE  
12, 23  
5th 6/21