

**APPENDIX F:**  
**EGG COMPOSITES FOR STEROID ANALYSIS (P1 AND F1)**

**EGG COMPOSITES FOR STEROID ANALYSIS OF YOLK CONTENTS OF EGGS LAID BY P1 HENS DURING WEEK 7 AND WEEK 10 OF EGG LAYING**

		P1 Information									Shorthand
Composite code	Cage #	P1 Female Band No.	P1 Male Band No.	P1 Generation	P1 Pair No.	P1 Parental Treatment Dose (ppm)	Date Egg Laid	AM/PM	Battelle #	Weight (g)	Composite code
<b>P1A-Week 7</b>											
10704A-0	R1-01	1822	1820	P1A	2	0	01/06/04	PM	446	0.643	<b>C1</b>
	R3-03	1356	1322	P1A	47	0	01/06/04	PM	465	0.401	
	R4-08	1859	660	P1A	38	0	01/06/04	AM	475	0.545	
10704A-0.078	R1-15	1392	46	P1A	7	0.078	01/02/04	PM	453	0.508	<b>C2</b>
	R1-22	86	1816	P1A	32	0.078	01/05/04	PM	456	0.399	
	R4-20	1382	1355	P1A	11	0.078	01/05/04	PM	477	0.611	
10704A-0.31	R3-01	652		P1A	28	0.31	01/05/04	PM	464	0.394	<b>C3</b>
	R3-13	1364	1806	P1A	24	0.31	01/06/04	PM	470	0.428	
	R3-17	1390	1812	P1A	46	0.31	01/06/04	AM	472	0.566	
	R4-13	1809	1899	P1A	3	0.31	01/06/04	PM	476	0.571	
10704A-1.25	R1-13	1358	1313	P1A	30	1.25	01/06/04	PM	452	0.571	<b>C4</b>
	R2-05	1365	665	P1A	9	1.25	01/06/04	PM	459	0.411	
	R3-10	41	674	P1A	39	1.25	01/06/04	AM	468	0.476	
10704A-5.0	R1-05	1362	1357	P1A	17	1.25	01/05/04	PM	448	0.452	<b>C5</b>
	R1-10	672	1813	P1A	21	5	01/06/04	PM	450	0.492	
	R3-08	1815	659	P1A	5	5	01/06/04	PM	467	0.426	
10704B-0	R1-12	45	662	P1A	29	5	01/06/04	AM	451	0.488	<b>C6</b>
	R2-22	673	654	P1A	42	0	01/05/04	PM	463	0.567	
	R3-05	656		P1A	25	0	01/06/04	PM	466	0.436	
10704B-0.078	R1-08	1359	1303	P1A	34	0	01/06/04	AM	449	0.534	<b>C7</b>
	R4-25	1376	1867	P1A	49	0.078	01/06/04	AM	478	0.453	
	R2-13	42	1316	P1A	16	0.078	01/05/04	AM	461	0.602	
	R1-29	1367	1818	P1A	1	0.078	01/06/04	AM	457	0.491	

EGG COMPOSITES FOR STEROID ANALYSIS OF YOLK CONTENTS OF EGGS LAID BY P1 HENS DURING WEEK 7 AND WEEK 10 OF EGG LAYING

		P1 Information									Shorthand	
Composite code	Cage #	P1 Female Band No.	P1 Male Band No.	P1 Generation	P1 Pair No.	P1 Parental Treatment Dose (ppm)	Date Egg Laid	AM/PM	Battelle #	Weight (g)	Composite code	
10704B-0.31	R1-03	1305	1319	P1A	44	0.31	01/06/04	AM	447	0.395	<b>C8</b>	
	R3-15	667	1318	P1A	20	0.31	01/06/04	AM	471	0.725		
	R2-20	1819	1825	P1A	10	0.31	01/06/04	AM	462	0.517		
	R3-24	91	1310	P1A	13	0.31	01/06/04	PM	473	0.481		
10704B-1.25	R2-01	1372	1315	P1A	4	1.25	01/06/04	AM	458	0.531	<b>C9</b>	
	R2-08	38	1314	P1A	15	1.25	01/06/04	PM	460	0.548		
	R1-17	39	48	P1A	41	1.25	01/04/04	PM	454	0.472		
10704B-5.0	R1-20	653	671	P1A	8	5	01/04/04	AM	455	0.415	<b>C10</b>	
	R4-01	1307	1823	P1A	31	5	01/05/04	PM	474	0.492		
	R3-12	669	1373	P1A	36	5	01/06/04	AM	469	0.694		
<b>P1A-Week 10</b>	12804A-0	R2-22	673	654	P1A	42	0	01/21/04	AM	497	0.532	<b>C11</b>
		R3-03	1356	1322	P1A	47	0	01/21/04	PM	500	0.51	
		R2-25	675	1375	P1A	19	0	01/21/04	AM	498	0.5	
		R1-08	1359	1303	P1A	34	0	01/21/04	PM	482	0.431	
12804A-0.078	(tiny yolk)	R1-29	1367	1818	P1A	1	0.078	01/21/04	AM	490	0.636	<b>C12</b>
		R4-20	1382	1355	P1A	11	0.078	01/21/04	PM	512	0.581	
12804A-0.31	(tiny yolk)	R1-25	1387	1817	P1A	22	0.078	01/21/04	AM	489	0.514	<b>C13</b>
		R3-24	91	1310	P1A	13	0.31	01/21/04	PM	508	0.473	
		R2-20	1819	1825	P1A	10	0.31	01/21/04	PM	496	0.522	
		R1-03	1305	1319	P1A	44	0.31	01/21/04	PM	480	0.407	
12804A-1.25	(tiny yolk)	R3-15	667	1318	P1A	20	0.31	01/21/04	PM	506	0.368	<b>C14</b>
		R3-10	41	674	P1A	19	1.25	01/21/04	AM	503	0.778	
		R2-05	1365	665	P1A	9	1.25	01/23/04	AM	492	0.426	
		R2-08	38	1314	P1A	15	1.25	01/21/04	PM	493	0.377	
		R1-05	1362	1357	P1A	17	1.25	01/23/04	AM	481	0.338	

EGG COMPOSITES FOR STEROID ANALYSIS OF YOLK CONTENTS OF EGGS LAID BY P1 HENS DURING WEEK 7 AND WEEK 10 OF EGG LAYING

		P1 Information									Shorthand
Composite code	Cage #	P1 Female Band No.	P1 Male Band No.	P1 Generation	P1 Pair No.	P1 Parental Treatment Dose (ppm)	Date Egg Laid	AM/PM	Battelle #	Weight (g)	Composite code
12804A-5.0	R2-17	93	66	P1A	33	5	01/21/04	PM	495	0.407	<b>C15</b>
	R1-10	672	1813	P1A	21	5	01/21/04	PM	483	0.699	
	R1-12	45	662	P1A	29	5	01/21/04	PM	484	0.549	
12804B-0	R3-05	656		P1A	25	0	01/21/04	PM	501	0.444	<b>C16</b>
	R4-08	1859	660	P1A	38	0	01/21/04	PM	510	0.524	
	R1-01	1822	1820	P1A	2	0	01/21/04	PM	479	0.538	
12804B-0.078	R2-13	42	1316	P1A	16	0.078	01/21/04	PM	494	0.676	<b>C17</b>
	R1-22	86	1816	P1A	32	0.078	01/21/04	PM	488	0.584	
	R4-25	1376	1837	P1A	49	0.078	01/21/04	PM	513	0.677	
12804B-0.31	R3-13	1364	1806	P1A	24	0.31	01/21/04	PM	505	0.668	<b>C18</b>
	R3-17	1390	1812	P1A	46	0.31	01/21/04	AM	507	0.426	
	R3-01	652		P1A	28	0.31	01/21/04	PM	499	0.546	
	R4-13	1809	1899	P1A	3	0.31	01/21/04	AM	511	0.476	
12804B-1.25	R2-01	1372	1315	P1A	4	1.25	01/22/04	AM	491	0.585	<b>C19</b>
	R1-17	39	48	P1A	41	1.25	01/21/04	PM	486	0.731	
	R1-13	1358	1313	P1A	30	1.25	01/21/04	AM	485	0.742	
12804B-5.0	R1-20	653	671	P1A	8	5	01/21/04	PM	487	0.629	<b>C20</b>
	R4-01	1307	1823	P1A	31	5	01/22/04	AM	509	0.649	
	R3-12	669	1373	P1A	36	5	01/21/04	AM	504	0.327	
	R3-08	1815	659	P1A	5	5	01/23/04	AM	502	0.359	
<b>P1B-Week 7</b>											
Composite #	Cage #								Battelle #	Weight (g)	
10604A-0	R7-27	1899	663	P1B	23	0	01/02/04	AM	540	0.569	<b>C21</b>
	R6-22	1894	661	P1B	42	0	01/02/04	AM	529	0.6	

EGG COMPOSITES FOR STEROID ANALYSIS OF YOLK CONTENTS OF EGGS LAID BY P1 HENS DURING WEEK 7 AND WEEK 10 OF EGG LAYING

		P1 Information									Shorthand
Composite code	Cage #	P1 Female Band No.	P1 Male Band No.	P1 Generation	P1 Pair No.	P1 Parental Treatment Dose (ppm)	Date Egg Laid	AM/PM	Battelle #	Weight (g)	Composite code
	R8-01	1326	1828	P1B	Replacement	0	01/02/04	AM	542	0.37	
(tiny yolk)	R6-10	1813	1873	P1B	45	0	01/02/04	PM	549	0.474	
10604A-0.078	R7-25	1842	1875	P1B	40	0.078	01/02/04	AM	539	0.647	C22
	R5-25	1398	1328	P1B	22	0.078	01/02/04	AM	522	0.789	
	R5-15	1854	999R	P1B	7	0.078	01/02/04	AM	517	0.585	
10604A-0.31	R6-13	1388	1400	P1B	16	0.078	01/04/04	AM	557	0.559	
	R7-15	1874	1339	P1B	20	0.31	01/02/04	AM	535	0.437	C23
	R6-20	1867	1397	P1B	10	0.31	01/03/04	AM	554	0.561	
	R5-27	1304	1858	P1B	27	0.31	01/02/04	AM	523	0.492	
10604A-1.25	R8-13	1852	670	P1B	3	0.31	01/02/04	PM	552	0.663	
	R7-22	1900	1343	P1B	6	1.25	01/02/04	AM	538	0.601	C24
	R6-08	1395	1329	P1B	15	1.25	01/02/04	PM	548	0.525	
	R6-01	1853	1833	P1B	4	1.25	01/02/04	AM	525	0.649	
10604A-5.0	R5-05	1872	1846	P1B	17	1.25	01/02/04	AM	515	0.546	
	R5-20	1306	1898	P1B	8	5	01/02/04	AM	519	0.566	C25
	R6-27	1834	1847	P1B	48	5	01/02/04	AM	531	0.53	
	R7-08	1896	1814	P1B	5	5	01/02/04	AM	533	0.673	
	R5-24	1893	1342	P1B	50	5	01/02/04	AM	521	0.5	
10604B-0	R7-03	1886	1848	P1B	47	0	01/02/04	PM	550	0.456	C26
	R5-01	1890	1839	P1B	2	0	01/02/04	AM	514	0.518	
	R5-08	1860	991R	P1B	34	0	01/02/04	AM	516	0.489	
	R8-08	1884	1882	P1B	38	0	01/02/04	PM	551	0.477	
10604B-0.078	R7-29	1877	1330	P1B	37	0.078	01/02/04	AM	541	0.499	C27
	R8-25	1889	1337	P1B	49	0.078	01/02/04	AM	544	0.534	
	R8-20	1892	1838	P1B	11	0.078	01/02/04	AM	543	0.675	
	R5-22	1386	1345	P1B	32	0.078	01/02/04	AM	520	0.485	
10604B-0.31	R7-01	1353	1347	P1B	28	0.31	01/02/04	AM	531	0.376	C28
	R5-03	1876	1835	P1B	44	0.31	01/02/04	PM	545	0.484	

EGG COMPOSITES FOR STEROID ANALYSIS OF YOLK CONTENTS OF EGGS LAID BY P1 HENS DURING WEEK 7 AND WEEK 10 OF EGG LAYING

		P1 Information									Shorthand	
Composite code	Cage #	P1 Female Band No.	P1 Male Band No.	P1 Generation	P1 Pair No.	P1 Parental Treatment Dose (ppm)	Date Egg Laid	AM/PM	Battelle #	Weight (g)	Composite code	
10604B-1.25	R6-24	1880	1338	P1B	18	0.31	01/02/04	AM	530	0.687	<b>C29</b>	
	R7-13	1862	1865	P1B	24	0.31	01/02/04	AM	534	0.612		
	R7-10	1383	1366	P1B	39	1.25	01/03/04	AM	555	0.525		
	R7-20	1396	1348	P1B	12	1.25	01/02/04	AM	537	0.558		
	R6-15	1885	320	P1B	14	1.25	01/02/04	AM	527	0.467		
10604B-5.0	R5-13	1883	1399	P1B	30	1.25	01/04/04	AM	556	0.654	<b>C30</b>	
	R6-17	1393	658	P1B	33	5	01/02/04	AM	528	0.543		
	R6-03	1887	1334	P1B	43	5	01/03/04	AM	553	0.737		
	R5-10	1377	1830	P1B	21	5	01/02/04	PM	546	0.501		
<b>P1B-Week 10</b>	R5-12	1391	1380	P1B	29	5	01/03/04	PM	558	0.535	<b>C31</b>	
	12704A-0	R6-25	1385	1346	P1B	19	0	01/26/04	AM	582		0.431
		R6-22	1894	661	P1B	42	0	01/26/04	AM	580		0.624
	12704A-0.078	R8-01	1326	1828	P1B	Replacement	0	01/26/04	AM	589		0.484
		R6-10	1831	1873	P1B	45	0	01/26/04	AM	575		0.349
		R6-13	1388	1400	P1B	16	0.078	01/26/04	AM	577		0.448
		R7-29	1877	1330	P1B	37	0.078	01/26/04	AM	588		0.438
	12704A-0.31	R8-20	1892	1838	P1B	11	0.078	01/26/04	AM	592		0.557
		R5-22	1386	1345	P1B	32	0.078	01/24/04	AM	560		0.52
		R7-17	1895	1897	P1B	46	0.31	01/26/04	AM	585		0.543
12704A-1.25	R5-03	1876	1835	P1B	44	0.31	01/26/04	AM	563	0.476	<b>C33</b>	
	R6-24	1880	1338	P1B	18	0.31	01/26/04	AM	581	0.629		
	R7-01	1353	1347	P1B	28	0.31	01/26/04	PM	598	0.475		
	R7-20	1396	1348	P1B	12	1.25	01/26/04	PM	603	0.454		
	R5-13	1883	1399	P1B	30	1.25	01/26/04	AM	566	0.561		
12704A-5.0	R6-01	1853	1833	P1B	4	1.25	01/26/04	AM	571	0.576	<b>C34</b>	
	R7-10	1383	1366	P1B	39	1.25	01/26/04	PM	599	0.457		
	R6-17	1393	658	P1B	33	5	01/25/04	AM	561	0.565		
	R7-08	1896	1814	P1B	5	5	01/26/04	AM	584	0.562		

L-5

EGG COMPOSITES FOR STEROID ANALYSIS OF YOLK CONTENTS OF EGGS LAID BY P1 HENS DURING WEEK 7 AND WEEK 10 OF EGG LAYING

		P1 Information									Shorthand
Composite code	Cage #	P1 Female Band No.	P1 Male Band No.	P1 Generation	P1 Pair No.	P1 Parental Treatment Dose (ppm)	Date Egg Laid	AM/PM	Battelle #	Weight (g)	Composite code
	R5-24	1893	1342	P1B	50	5	01/26/04	PM	596	0.517	
	R5-10	1377	1830	P1B	21	5	01/26/04	PM	594	0.399	
12704B-0	R5-01	1890	1839	P1B	2	0	01/26/04	PM	593	0.583	<b>C36</b>
	R7-27	1899	663	P1B	23	0	01/25/04	AM	562	0.446	
	R5-08	1860	911R	P1B	34	0	01/26/04	AM	565	0.718	
	R8-08	1884	1882	P1B	38	0	01/26/04	PM	590	0.474	
12704B-0.078	R5-25	1398	1328	P1B	22	0.078	01/26/04	AM	569	0.713	<b>C37</b>
	R5-15	1854	999R	P1B	7	0.078	01/26/04	AM	567	0.386	
	R7-25	1842	1875	P1B	40	0.078	01/26/04	AM	587	0.478	
	R8-25	1889	1337	P1B	49	0.078	01/26/04	PM	604	0.462	
12704B-0.31	R7-13	1862	1865	P1B	24	0.31	01/26/04	PM	601	0.619	<b>C38</b>
	R6-20	1867	1397	P1B	10	0.31	01/26/04	AM	579	0.551	
	R7-15	1874	1339	P1B	20	0.31	01/26/04	PM	602	0.426	
	R8-13	1852	670	P1B	3	0.31	01/26/04	AM	591	0.505	
12704B-1.25	R6-15	1885	320	P1B	14	1.25	01/26/04	AM	578	0.607	<b>C39</b>
	R7-22	1900	1343	P1B	6	1.25	01/26/04	AM	586	0.526	
	R5-05	1872	1846	P1B	17	1.25	01/26/04	AM	564	0.634	
	R6-08	1395	1329	P1B	15	1.25	01/26/04	AM	574	0.649	
12704B-5.0	R7-12	1866	1826	P1B	36	5	01/26/04	PM	600	0.511	<b>C40</b>
	R6-03	1887	1334	P1B	43	5	01/26/04	AM	572	0.588	
	R6-27	1834	1847	P1B	48	5	01/26/04	PM	597	0.678	
	R5-12	1391	1380	P1B	29	5	01/26/04	PM	595	0.589	

**EGG COMPOSITES FOR STEROID ANALYSIS OF YOLK CONTENTS OF EGGS LAID BY F1 HENS DURING WEEK 5 OF EGG LAYING**

		F1 Information					F1 Female	F1 Female - Parental Information					
Composite code	Cage #	F1 Pair No.	F1 Pen Number	F1 Generation	Specific Control Generation On For Brooder Assignment	F1 Parental Treatment Dose (ppm)	F1 Female Band No.	F1 Female-P1 Female Band No.	F1 Female-P1 Male Band No.	F1 Female-P1 Parental Generation	F1 Female-P1 Cage Position	F1 Female-P1 Pair No.	F1 Female-P1 Treatment Group (ppm)
<b>F1a-P1A</b>													
AA42204A-0	R1-01	2	R1-01	F1Shared	F1A	0	11-200	673	654	P1A	R2-22	42	Control
	R1-10	61	R1-10	F1Shared	F1A	0	11-209	673	654	P1A	R2-22	42	Control
	R1-08	1	R1-08	F1Shared	F1B	0	11-203	1356	1322	P1A	R3-03	47	Control
AA42204A-0.078	R1-29	5	R1-29	F1a		0.078	12-204	86	1816	P1A	R1-22	32	0.078
AA42204A-0.31	R1-13	9	R1-13	F1a		0.31	13-209	1819	1825	P1A	R2-20	10	0.31
	R1-24	6	R1-24	F1a		0.31	13-202	1809	1899	P1A	R4-13	3	0.31
AA42204A-1.25	R2-22	70	R2-22	F1a		1.25	14-111	1872	1846	P1B	R5-05	17	1.25
AA42204A-5.0	R1-15	66	R1-15	F1a		5	15-205	672	1813	P1A	R1-10	21	5.0
AA42204B-0	R1-17	4	R1-17	F1Shared	F1A	0	11-213	1859	660	P1A	R4-08	38	Control
	R1-27	3	R1-27	F1Shared	F1B	0	11-216	1822	1820	P1A	R1-01	2	Control
AA42204B-0.078	R4-08	Extra	R4-08	F1a		0.078	12-203	86	1816	P1A	R1-22	32	0.078
AA42204B-0.31	R1-12	7	R1-12	F1a		0.31	13-205	91	1310	P1A	R3-24	13	0.31
AA42204B-1.25	R2-15	37	R2-15	F1a		1.25	14-202	38	1314	P1A	R2-08	15	1.25

F-7



**EGG COMPOSITES FOR STEROID ANALYSIS OF YOLK CONTENTS OF EGGS LAID BY F1 HENS DURING WEEK 5 OF EGG LAYING**

		F1 Information					F1 Female	F1 Female - Parental Information					
Composite code	Cage #	F1 Pair No.	F1 Pen Number	F1 Generation	Specific Control Generation On For Brooder Assignment	F1 Parental Treatment Dose (ppm)	F1 Female Band No.	F1 Female-P1 Female Band No.	F1 Female-P1 Male Band No.	F1 Female-P1 Parental Generation	F1 Female-P1 Cage Position	F1 Female-P1 Pair No.	F1 Female-P1 Treatment Group (ppm)
AA42204B-5.0	No Sample												
AA42204C-0	R4-13	Extra	R4-13	F1 SHARED		0	11-106	1864	1888	P1B	R6-12	26	0
	R4-05	Extra	R4-05	F1 SHARED		0	11-210	673	654	P1A	R2-22	42	0.0
	R4-04	Extra	R4-04	F1 SHARED		0	11-217	1359	1303	P1A	R1-08	34	0.0
	R4-16	Extra	R4-16	F1 SHARED		0	11-207	1356	1322	P1A	R3-03	47	0.0
AA42204C-5.0	R4-27	Extra	R4-27	F1a		5	15-214	653	671	P1A	R1-20	8	5.0
	R4-25	Extra	R4-25	F1a		5	15-201	669	1373	P1A	R3-12	36	5.0
	R4-21	Extra	R4-21	F1a		5	15-212	669	1373	P1A	R3-12	36	5.0
	R4-20	Extra	R4-20	F1a		5	15-208	93	66	P1A	R2-17	33	5.0
<b>F1b-P1A</b>													
BA42204A-0	No Sample												
BA42204A-0.078	R5-22	11	R5-22	F1b		Non-Dose	12-207	1382	1355	P1A	R4-20	11	0.078
BA42204A-0.31	R5-01	12	R5-01	F1b		Non-Dose	13-217	667	1318	P1A	R3-15	20	0.31
	R5-13	13	R5-13	F1b		Non-Dose	13-203	1809	1899	P1A	R4-13	3	0.31
BA42204A-1.25	R5-10	15	R5-10	F1b		Non-Dose	14-212	1372	1315	P1A	R2-01	4	1.25
BA42204A-5.0	R5-08	17	R5-08	F1b		Non-Dose	15-209	669	1373	P1A	R3-12	36	5.0
BA42204B-0	No Sample												
BA42204B-0.078	R5-27	10	R5-27	F1b		Non-Dose	12-222	86	1816	P1A	R1-22	32	0.078

**EGG COMPOSITES FOR STEROID ANALYSIS OF YOLK CONTENTS OF EGGS LAID BY F1 HENS DURING WEEK 5 OF EGG LAYING**

Composite code	Cage #	F1 Information					F1 Female Band No.	F1 Female - Parental Information					F1 Female-P1 Treatment Group (ppm)
		F1 Pair No.	F1 Pen Number	F1 Generation	Specific Control Generation On For Brooder Assignment	F1 Parental Treatment Dose (ppm)		F1 Female-P1 Female Band No.	F1 Female-P1 Male Band No.	F1 Female-P1 Parental Generation	F1 Female-P1 Cage Position	F1 Female-P1 Pair No.	
BA42204B-0.31	R5-24	14	R5-24	F1b		Non-Dose	13-215	1305	1319	P1A	R1-03	44	0.31
BA42204B-1.25	No Sample												
BA42204B-5.0	R5-29	16	R5-29	F1b		Non-Dose	15-210	93	66	P1A	R2-17	33	5.0
BA42204C-1.25	R8-15	Extra	R8-15	F1b		Non-dose	14-204	41	674	P1A	R3-10	39	1.25
	R8-16	Extra	R8-16	F1b		Non-dose	14-206	38	1314	P1A	R2-08	15	1.25
	R8-14	Extra	R8-14	F1b		Non-dose	14-209	39	48	P1A	R1-17	41	1.25
	R8-21	Extra	R8-21	F1b		Non-dose	14-205	1372	1315	P1A	R2-01	4	1.25
<b>F1a-P1B</b> AB42204A-0	R2-12	18	R2-12	F1AShared	F1B	0	11-110	1890	1839	P1B	R5-01	2	Control
	R3-08	67	R3-08	F1Shared	F1B	0	11-206	1356	1322	P1B	R3-03	47	Control
	R2-17	23	R2-17	F1AShared	F1A	0	11-113	1894	661	P1B	R6-22	42	Control
	R2-27	22	R2-27	F1Shared	F1A	0	11-108	1860	991R	P1B	R5-08	34	Control
AB42204A-0.078	R3-13	27	R3-13	F1a		0.078	12-106	1842	1875	P1B	R7-25	40	0.078
	R3-29	31	R3-29	F1a		0.078	12-128	1842	1875	P1B	R7-25	40	0.078
	R2-24	28	R2-24	F1a		0.078	12-120	1889	1337	P1B	R8-25	49	0.078
	R3-15	25	R3-15	F1a		0.078	12-132	1877	1330	P1B	R7-29	37	0.078
AB42204A-0.31	R2-01	33	R2-01	F1a		0.31	13-105	1862	1865	P1B	R7-13	24	0.31
	R2-13	32	R2-13	F1a		0.31	13-131	1867	1397	P1B	R6-20	10	0.31
AB42204A-1.25	R2-10	69	R2-10	F1a		1.25	14-107	1869	1879	P1B	R6-05	9	1.25
	R2-03	68	R2-03	F1a		1.25	14-102	1853	1833	P1B	R6-01	4	1.25
AB42204A-5.0	R3-10	65	R3-10	F1a		5	15-152	1896	1814	P1B	R7-08	5	5.0
AB42204B-0	R2-08	63	R2-08	F1Shared	F1A	Control	11-103	1864	1888	P1B	R6-12	26	Control
	R2-25	21	R2-25	F1Shared	F1B	Control	11-122	1385	1346	P1B	R6-25	19	Control

F-9

**EGG COMPOSITES FOR STEROID ANALYSIS OF YOLK CONTENTS OF EGGS LAID BY F1 HENS DURING WEEK 5 OF EGG LAYING**

Composite code	Cage #	F1 Information					F1 Female	F1 Female - Parental Information					F1 Female-P1 Treatment Group (ppm)
		F1 Pair No.	F1 Pen Number	F1 Generation	Specific Control Generation On For Brooder Assignment	F1 Parental Treatment Dose (ppm)	F1 Female Band No.	F1 Female-P1 Female Band No.	F1 Female-P1 Male Band No.	F1 Female-P1 Parental Generation	F1 Female-P1 Cage Position	F1 Female-P1 Pair No.	
AB42204B-0.078	R3-25	24	R3-25	F1Shared	F1B	Control	11-205	1359	1303	P1B	R1-08	34	Control
	R3-03	19	R3-03	F1Shared	F1A	Control	11-121	1886	1848	P1B	R7-03	47	Control
	R2-05	30	R2-05	F1a		0.078	12-119	1386	1345	P1B	R5-22	32	0.078
	R3-24	29	R3-24	F1a		0.078	12-117	1386	1345	P1B	R5-22	32	0.078
	R3-05	26	R3-05	F1a		0.078	12-105	1388	1400	P1B	R6-13	16	0.078
AB42204B-0.31	R3-01	34	R3-01	F1a		0.31	13-116	1876	1835	P1B	R5-03	44	0.31
	R3-22	39	R3-22	F1a		0.31	13-118	1867	1397	P1B	R6-20	10	0.31
AB42204B-1.25	R3-12	41	R3-12	F1a		1.25	14-117	1885	1320	P1B	R6-15	14	1.25
	R2-29	71	R2-29	F1a		1.25	14-121	1383	1366	P1B	R7-10	39	1.25
AB42204B-5.0	R2-20	64	R2-20	F1a		5	15-113	1893	1342	P1B	R5-24	50	5.0
<b>F1b-P1B</b>													
BB42204A-0	No Sample												
BB42204A-0.078	R7-13	45	R7-13	F1b		Non-Dose	12-127	1877	1330	P1B	R7-29	37	0.078
	R7-20	47	R7-20	F1b		Non-Dose	12-125	1892	1838	P1B	R8-20	11	0.078
	R7-15	46	R7-15	F1b		Non-Dose	12-129	1842	1875	P1B	R7-25	40	0.078
	R6-29	44	R6-29	F1b		Non-Dose	12-122	1889	1337	P1B	R8-25	49	0.078
BB42204A-0.31	R7-29	51	R7-29	F1b		Non-Dose	13-122	1880	1338	P1B	R6-24	18	0.31
	R7-10	50	R7-10	F1b		Non-Dose	13-109	1874	1339	P1B	R7-15	20	0.31
BB42204A-1.25	R6-12	53	R6-12	F1b		Non-dose	14-116	1885	1320	P1B	R6-15	14	1.25
	R7-12	55	R7-12	F1b		Non-Dose	14-112	1872	1846	P1B	R5-05	17	1.25
BB42204A-5.0	R7-17	58	R7-17	F1b		Non-Dose	15-121	1887	1334	P1B	R6-03	43	5.0
	R6-17	59	R6-17	F1b		Non-Dose	15-122	1893	1342	P1B	R5-24	50	5.0

F-10

**EGG COMPOSITES FOR STEROID ANALYSIS OF YOLK CONTENTS OF EGGS LAID BY F1 HENS DURING WEEK 5 OF EGG LAYING**

		F1 Information					F1 Female	F1 Female - Parental Information					
Composite code	Cage #	F1 Pair No.	F1 Pen Number	F1 Generation	Specific Control Generation On For Brooder Assignment	F1 Parental Treatment Dose (ppm)	F1 Female Band No.	F1 Female-P1 Female Band No.	F1 Female-P1 Male Band No.	F1 Female-P1 Parental Generation	F1 Female-P1 Cage Position	F1 Female-P1 Pair No.	F1 Female-P1 Treatment Group (ppm)
BB42204B-0	No Sample												
BB42204B-0.078	R7-25	43	R7-25	F1b		Non-Dose	12-104	1398	1328	P1B	R5-25	22	0.078
	R6-13	48	R6-13	F1b		Non-Dose	12-134	1352	1856	P1B	R5-29	1	0.078
	R7-03	42	R7-03	F1b		Non-Dose	12-124	1889	1337	P1B	R8-25	49	0.078
BB42204B-0.31	R7-27	49	R7-27	F1b		Non-Dose	13-117	1867	1397	P1B	R6-20	10	0.31
BB42204B-1.25	R6-20	52	R6-20	F1b		Non-Dose	14-124	1883	1399	P1B	R5-13	30	1.25
	R7-08	54	R7-08	F1b		Non-Dose	14-104	1853	1833	P1B	R6-01	4	1.25
	R6-27	56	R6-27	F1b		Non-Dose	14-122	1383	1366	P1B	R7-10	39	1.25
BB42204B-5.0	R6-24	60	R6-24	F1b		Non-Dose	15-118	1896	1814	P1B	R7-08	5	5.0
	R7-22	57	R7-22	F1b		Non-Dose	15-110	1377	1830	P1B	R5-10	21	5.0

**EGG COMPOSITES FOR STEROID ANALYSIS OF YOLK CONTENTS OF EGGS LAID BY F1 HENS DURING WEEK 5 OF EGG LAYING**

F-12

		F1 Male	F1 Male - Parental Information								Shorthand
Composite code	Cage #	F1 Male Band No.	F1 Male-P1 Female Band No.	F1 Male-P1 Male Band No.	F1 Male-P1 Parental Generation	F1 Male-P1 Cage Position	F1 Male-P1 Pair No.	F1 Male-P1 Treatment Group (ppm)	Date Egg Laid	Battelle #	Composite code
<b>F1a-P1A</b>											
AA42204A-0	R1-01	11-215	675	1375	P1A	R2-25	19	Control	04/20/04	345	<b>F1</b>
	R1-10	11-208	1359	1303	P1A	R1-08	34	Control	04/21/04	347	
	R1-08	11-211	1356	1322	P1A	R3-03	47	Control	04/20/04	346	
AA42204A-0.078	R1-29	12-210	1376	1837	P1A	R4-25	49	0.078	04/19/04	353	<b>F2</b>
AA42204A-0.31	R1-13	13-211	667	1318	P1A	R3-15	20	0.31	04/21/04	349	<b>F3</b>
	R1-24	13-213	1364	1806	P1A	R3-13	24	0.31	04/21/04	352	
AA42204A-1.25	R2-22	14-101	1853	1833	P1B	R6-01	4	1.25	04/20/04	364	<b>F4</b>
AA42204A-5.0	R1-15	15-213	1307	1823	P1A	R4-01	31	5.0	04/21/04	350	<b>F5</b>
AA42204B-0	R1-17	11-204	1359	1303	P1A	R1-08	34	Control	04/21/04	351	<b>F6</b>
	R1-27	11-201	673	654	P1A	R2-22	42	Control	04/19/04	344	
AA42204B-0.078	R4-08	NA	NA	NA	NA	NA	NA	NA	04/21/04	389	<b>F7</b>
AA42204B-0.31	R1-12	13-225	1305	1319	P1A	R1-03	44	0.31	04/21/04	348	<b>F8</b>
AA42204B-1.25	R2-15	14-201	41	674	P1A	R3-10	39	1.25	04/21/04	361	<b>F9</b>
AA42204B-5.0	No Sample										
AA42204C-0	R4-13	NA	NA	NA	NA	NA	NA	NA	04/21/04	394	<b>F10</b>
	R4-05	NA	NA	NA	NA	NA	NA	NA	04/21/04	388	
	R4-04	NA	NA	NA	NA	NA	NA	NA	04/19/04	387	

**EGG COMPOSITES FOR STEROID ANALYSIS OF YOLK CONTENTS OF EGGS LAID BY F1 HENS DURING WEEK 5 OF EGG LAYING**

		F1 Male	F1 Male - Parental Information								Shorthand
Composite code	Cage #	F1 Male Band No.	F1 Male-P1 Female Band No.	F1 Male-P1 Male Band No.	F1 Male-P1 Parental Generation	F1 Male-P1 Cage Position	F1 Male-P1 Pair No.	F1 Male-P1 Treatment Group (ppm)	Date Egg Laid	Battelle #	Composite code
AA42204C-5.0	R4-16	NA	NA	NA	NA	NA	NA	NA	04/21/04	395	<b>F11</b>
	R4-27	NA	NA	NA	NA	NA	NA	NA	04/21/04	405	
	R4-25	NA	NA	NA	NA	NA	NA	NA	04/20/04	403	
	R4-21	NA	NA	NA	NA	NA	NA	NA	04/21/04	399	
	R4-20	NA	NA	NA	NA	NA	NA	NA	04/19/04	398	
<b>F1b-P1A</b>											
BA42204A-0	No Sample										
BA42204A-0.078	R5-22	12-205	42	1316	P1A	R2-13	16	0.078	04/20/04	412	<b>F12</b>
BA42204A-0.31	R5-01	13-201	1819	1825	P1A	R2-20	10	0.31	04/21/04	408	<b>F13</b>
	R5-13	13-210	1364	1806	P1A	R3-13	24	0.31	04/20/04	411	
BA42204A-1.25	R5-10	14-217	38	1314	P1A	R2-08	15	1.25	04/21/04	410	<b>F14</b>
BA42204A-5.0	R5-08	15-202	672	1813	P1A	R1-10	21	5.0	04/21/04	409	<b>F15</b>
BA42204B-0	No Sample										
BA42204B-0.078	R5-27	12-208	1376	1837	P1A	R4-25	49	0.078	04/20/04	414	<b>F16</b>
BA42204B-0.31	R5-24	13-219	91	1310	P1A	R3-24	13	0.31	04/20/04	413	<b>F17</b>
BA42204B-1.25	No Sample										
BA42204B-5.0	R5-29	15-204	672	1813	P1A	R1-10	21	5.0	04/21/04	415	<b>F18</b>
BA42204C-1.25	R8-15	NA	NA	NA	NA	NA	NA	NA	04/21/04	437	<b>F19</b>

F13

**EGG COMPOSITES FOR STEROID ANALYSIS OF YOLK CONTENTS OF EGGS LAID BY F1 HENS DURING WEEK 5 OF EGG LAYING**

		F1 Male	F1 Male - Parental Information								Shorthand	
Composite code	Cage #	F1 Male Band No.	F1 Male-P1 Female Band No.	F1 Male-P1 Male Band No.	F1 Male-P1 Parental Generation	F1 Male-P1 Cage Position	F1 Male-P1 Pair No.	F1 Male-P1 Treatment Group (ppm)	Date Egg Laid	Battelle #	Composite code	
<b>F1a-P1B</b>	R8-16	NA	NA	NA	NA	NA	NA	NA	04/21/04	438	<b>F20</b>	
	R8-14	NA	NA	NA	NA	NA	NA	NA	04/19/04	436		
	R8-21	NA	NA	NA	NA	NA	NA	NA	04/21/04	443		
	AB42204A-0	R2-12	11-123	1886	1848	P1B	R7-03	47	Control	04/20/04		359
		R3-08	11-107	1890	1839	P1B	R5-01	2	Control	04/20/04		372
		R2-17	11-112	1860	991R	P1B	R5-08	34	Control	04/20/04		362
		R2-27	11-116	1894	661	P1B	R6-22	42	Control	04/19/04		367
	AB42204A-0.078	R3-13	12-123	1877	1330	P1B	R7-29	37	0.078	04/21/04		375
		R3-29	12-115	1398	1328	P1B	R5-25	22	0.078	04/21/04		380
		R2-24	12-101	1398	1328	P1B	R5-25	22	0.078	04/19/04		365
		R3-15	12-109	1854	999R	P1B	R5-15	7	0.078	04/21/04		376
	AB42204A-0.31	R2-01	13-130	1874	1339	P1B	R7-15	20	0.31	04/20/04		354
		R2-13	13-121	1862	1865	P1B	R7-13	24	0.31	04/19/04		360
	AB42204A-1.25	R2-10	14-123	1383	1366	P1B	R7-10	39	1.25	04/21/04		358
		R2-03	14-131	1900	1343	P1B	R7-22	6	1.25	04/20/04		355
	AB42204A-5.0	R3-10	15-111	1377	1830	P1B	R5-10	21	5.0	04/21/04		373
	AB42204B-0	R2-08	11-104	1864	1888	P1B	R6-12	26	Control	04/21/04		357
		R2-25	11-125	1326	1828	P1B	R8-01		Control	04/21/04		366
		R3-25	11-117	1385	1346	P1B	R6-25	19	Control	04/20/04		379
		R3-03	11-111	1890	1839	P1B	R5-01	2	Control	04/21/04		370
	AB42204B-0.078	R2-05	12-112	1854	999R	P1B	R5-15	7	0.078	04/21/04		356
		R3-24	12-114	1388	1400	P1B	R6-13	16	0.078	04/21/04		378
		R3-05	12-121	1889	1337	P1B	R8-25	49	0.078	04/21/04		371
AB42204B-0.31	R3-01	13-113	1880	1338	P1B	R6-24	18	0.31	04/21/04	369		

F-14

**EGG COMPOSITES FOR STEROID ANALYSIS OF YOLK CONTENTS OF EGGS LAID BY F1 HENS DURING WEEK 5 OF EGG LAYING**

		F1 Male	F1 Male - Parental Information								Shorthand
Composite code	Cage #	F1 Male Band No.	F1 Male-P1 Female Band No.	F1 Male-P1 Male Band No.	F1 Male-P1 Parental Generation	F1 Male-P1 Cage Position	F1 Male-P1 Pair No.	F1 Male-P1 Treatment Group (ppm)	Date Egg Laid	Battelle #	Composite code
AB42204B-1.25	R3-22	13-129	1852	670	P1B	R8-13	3	0.31	04/20/04	377	<b>F28</b>
	R3-12	14-128	1883	1399	P1B	R5-13	30	1.25	04/20/04	374	
	R2-29	14-109	1869	1879	P1B	R6-05	9	1.25	04/20/04	368	
AB42204B-5.0 <b>F1b-P1B</b>	R2-20	15-116	1896	1814	P1B	R7-08	5	5.0	04/21/04	363	<b>F29</b>
BB42204A-0	No Sample										
BB42204A-0.078	R7-13	12-113	1854	999R	P1B	R5-15	7	0.078	04/21/04	427	<b>F30</b>
	R7-20	12-126	1889	1337	P1B	R8-25	49	0.078	04/21/04	430	
	R7-15	12-116	1386	1345	P1B	R5-22	32	0.078	04/21/04	428	
	R6-29	12-130	1842	1875	P1B	R7-25	40	0.078	04/21/04	422	
BB42204A-0.31	R7-29	13-110	1852	670	P1B	R8-13	3	0.31	04/19/04	434	<b>F31</b>
	R7-10	13-115	1876	1835	P1B	R5-03	44	0.31	04/21/04	425	
BB42204A-1.25	R6-12	14-105	1853	1833	P1B	R6-01	4	1.25	04/17/04	416	<b>F32</b>
	R7-12	14-130	1383	1366	P1B	R7-10	39	1.25	04/18/04	426	
BB42204A-5.0	R7-17	15-102	1391	1380	P1B	R5-12	29	5.0	04/20/04	429	<b>F33</b>
	R6-17	15-117	1896	1814	P1B	R7-08	5	5.0	04/20/04	418	
BB42204B-0	No Sample										
BB42204B-0.078	R7-25	12-108	1877	1330	P1B	R7-29	37	0.078	04/21/04	432	<b>F34</b>
	R6-13	12-131	1877	1330	P1B	R7-29	37	0.078	04/21/04	417	
	R7-03	12-118	1398	1328	P1B	R5-25	22	0.078	04/21/04	423	

F-15



**EGG COMPOSITES FOR STEROID ANALYSIS OF YOLK CONTENTS OF EGGS LAID BY F1 HENS DURING WEEK 5 OF EGG LAYING**

		F1 Male	F1 Male - Parental Information								Shorthand
Composite code	Cage #	F1 Male Band No.	F1 Male-P1 Female Band No.	F1 Male-P1 Male Band No.	F1 Male-P1 Parental Generation	F1 Male-P1 Cage Position	F1 Male-P1 Pair No.	F1 Male-P1 Treatment Group (ppm)	Date Egg Laid	Battelle #	Composite code
BB42204B-0.31	R7-27	13-107	1874	1339	P1B	R7-15	20	0.31	04/21/04	433	<b>F35</b>
BB42204B-1.25	R6-20	14-106	1900	1343	P1B	R7-22	6	1.25	04/20/04	419	<b>F36</b>
	R7-08	14-127	1883	1399	P1B	R5-13	30	1.25	04/21/04	424	
	R6-27	14-103	1853	1833	P1B	R6-01	4	1.25	04/20/04	421	
BB42204B-5.0	R6-24	15-108	1377	1830	P1B	R5-10	21	5.0	04/21/04	420	<b>F37</b>
	R7-22	15-120	1393	658	P1B	R6-17	33	5.0	04/21/04	431	