Feed Check Sample No. - 200726 Senior Pig Starter, Medicated
Association of American Feed Control Officials

Method	AOAC 18th	Method Code	- Pass 1 Results for 203 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 202 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Urea, Misc		000.99	1	0.15500	0.04950	0.07000	1	0.15500	0.04950	0.07000
Loss on Drying, Vac 95 deg 5 hr	934.01	001.00	8	11.2600	0.64001	0.09500	8	11.2600	0.64001	0.09500
Loss on Drying, ISO 6496		001.03	4	11.3225	0.12837	0.16000	4	11.3225	0.12837	0.16000
Loss on Drying, LECO		001.05	1	10.9000	0.00000	0.00000	1	10.9000	0.00000	0.00000
Loss on Drying, 104 deg 3 hr, in malt	935.29	001.07	44	11.0332	0.39711	0.16410	40	11.0790	0.33556	0.12296
Loss on Drying, Misc		001.99	17	11.1329	0.57609	0.26353	17	11.2809	0.61847	0.18529
Method Group 001.XX PCT			74	11.0945	0.46833	0.17703	69	11.1374	0.42146	0.13650
Protein, Crude	954.01	002.00	4	21.1600	0.33628	0.20000	4	21.1600	0.33628	0.20000
Protein, Auto Kjel-Foss	976.05	002.01	11	21.2405	0.28615	0.16935	11	21.2405	0.28615	0.16935
Protein, Semiauto Autoanalyzer	976.06	002.02	11	21.2554	0.63792	0.27722	10	21.3349	0.58807	0.19694
Protein, Hach Method		002.03	1	20.8150	0.10607	0.15000	1	20.8150	0.10607	0.15000
Protein, Copper Cat	984.13	002.04	5	21.3010	0.79244	0.38200	5	21.3010	0.79244	0.38200
Protein, Copper, Boric Acid		002.05	21	21.2539	0.31808	0.16779	18	21.2545	0.26689	0.07909
Protein, Combustion Nitrogen Analyzer	990.03	002.06	117	21.5891	0.41787	0.19435	110	21.5963	0.41320	0.15981
Protein, Cu/Ti	988.05	002.08	5	21.3168	0.25033	0.08320	5	21.3168	0.25033	0.08320
Protein, Selenium Catalyst		002.09	1	20.5050	0.34648	0.49000	1	20.5050	0.34648	0.49000
Protein, Block dig/distillation		002.10	7	21.1843	0.41038	0.18000	6	21.0900	0.32996	0.09333
Protein, NIR		002.11	19	20.6704	0.51649	0.20458	18	20.6105	0.45245	0.17706
Protein, Misc		002.99	5	21.3470	0.38916	0.09000	5	21.3470	0.38916	0.09000
Method Group 002.XX PCT			207	21.3842	0.51529	0.19583	194	21.3839	0.51176	0.15875
Fat, Eth Ext, Direct	920.39	003.00	26	5.94185	0.14050	0.07531	24	5.92887	0.13156	0.05700
Fat, Ind Eth Ext (13th ed), Indirect	920.39	003.01	1	5.29000	0.21213	0.30000	1	5.29000	0.21213	0.30000
Fat, In Fish Meal	948.04	003.04	1	6.04000	0.04243	0.06000	1	6.04000	0.04243	0.06000
Fat, Pet Ether		003.06	27	5.83902	0.25347	0.09530	26	5.85206	0.23990	0.07281
Fat, Soxtec, Eth Ext		003.09	27	5.78945	0.20348	0.10163	25	5.79721	0.19563	0.07176
Fat, Soxtec, Pet Ether		003.10	35	5.72421	0.26515	0.11005	34	5.71669	0.26055	0.09623
Fat, NIR		003.11	19	5.68208	0.19139	0.04942	18	5.67442	0.19237	0.04106
Fat, Hexane Ext.		003.12	4	5.88500	0.20563	0.03500	4	5.88500	0.20563	0.03500
Fat, Soxtec, Hexane Ext.		003.13	4	5.76138	0.27783	0.20375	3	5.86017	0.11665	0.04167
Fat, Ankom		003.14	12	5.74396	0.28312	0.09958	12	5.74396	0.28312	0.09958
Fat, Misc		003.99	5	5.91900	0.41640	0.07000	7	5.88357	0.65063	0.08714
Method Group 003.XX PCT			161	5.79628	0.25013	0.09271	153	5.79645	0.24420	0.07344
Fiber, Crude Asbestos Free	962.09	004.00	27	2.87743	0.28313	0.13004	25	2.88942	0.28192	0.10004
Fiber, Sing Filt		004.01	2	3.77750	0.14660	0.20500	2	3.77750	0.14660	0.20500
Fiber, Fritted Glass	978.10	004.03	3	3.14167	0.32981	0.13000	3	3.14167	0.32981	0.13000
Fiber, Fibertec		004.06	31	3.13628	0.26993	0.15201	30	3.12282	0.25719	0.13575
Fiber, ANKOM		004.07	44	2.95506	0.29339	0.10484	43	2.95140	0.29298	0.09488
Fiber, NIR		004.11	17	3.32476	0.49448	0.08718	17	3.36594	0.55437	0.07541
Fiber, Misc		004.99	6	2.80917	0.41259	0.06500	6	2.80917	0.41259	0.06500

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Method Group 004.XX PCT			130	3.04072	0.36762	0.11930	125	3.03549	0.36094	0.10420
Ash,	942.05	005.00	131	5.46967	0.11566	0.05549	125	5.46911	0.11305	0.04587
Ash, LECO		005.02	1	5.61500	0.03536	0.05000	1	5.61500	0.03536	0.05000
Ash, NIR		005.11	13	5.54912	0.17624	0.09177	13	5.57373	0.20540	0.07638
Ash, Misc		005.99	12	5.51667	0.13047	0.04833	11	5.51773	0.13259	0.03364
Method Group 005.XX PCT			157	5.48076	0.12488	0.05791	149	5.47945	0.12237	0.04730
Fiber, Acid Detergent	973.18	008.02	14	4.12429	0.53325	0.16286	14	4.12429	0.53325	0.16286
Fiber, Acid Detergent-Hach		008.05	1	4.80000	0.56569	0.80000	1	4.80000	0.56569	0.80000
Fiber, Acid Detergent by ANKOM		008.08	19	4.12842	0.41138	0.14105	19	4.12842	0.41138	0.14105
Fiber, Acid Detergent Misc		008.99	7	3.81571	0.57981	0.10286	7	3.81571	0.57981	0.10286
Method Group 008.XX PCT			41	4.09000	0.50650	0.15805	41	4.09000	0.50650	0.15805
Fiber, Neutral Det-No ENZ Pretreat		009.04	1	12.8750	0.20506	0.29000	1	12.8750	0.20506	0.29000
Fiber, Neutral Det-ENZ Pretreat		009.07	14	10.9343	0.69403	0.34571	14	10.9343	0.69403	0.34571
Fiber, Neutral Detergent by ANKOM		009.09	16	11.0050	0.92953	0.32375	16	11.0050	0.92953	0.32375
Fiber, Neutral Det Misc		009.99	2	11.9700	0.71958	0.47000	2	11.9700	0.71958	0.47000
Method Group 009.XX PCT			33	11.0902	0.89241	0.34091	33	11.0902	0.89241	0.34091
Moisture, Karl-Fischer	966.20	010.03	2	8.56500	0.23530	0.34000	2	8.56500	0.23530	0.34000
Moisture, NIR		010.11	12	11.1413	0.34759	0.11658	12	11.1413	0.34759	0.11658
Moisture, Misc		010.99	14	11.0784	0.86483	0.20014	14	11.0784	0.86483	0.20014
Method Group 010.XX PCT			28	10.9258	0.92637	0.17432	28	10.9258	0.92637	0.17432
Loss on Drying, 135 deg 2 hr	930.15	011.01	71	11.9244	0.41265	0.10099	67	11.9565	0.37659	0.08571
Loss on Drying, High Temp Methods, Misc		011.99	2	11.9350	0.27453	0.09000	2	11.9350	0.27453	0.09000
Method Group 011.XX PCT			73	11.9247	0.40883	0.10069	69	11.9559	0.37329	0.08583
Starch, Polarimetric (Ewers)		012.00	9	35.6989	1.56047	0.75333	8	35.7988	1.49399	0.39750
Starch, Megazyme		012.01	2	32.5300	0.26038	0.36000	2	32.5300	0.26038	0.36000
Starch, Colorimetric (GOP)		012.02	1	33.4500	0.63640	0.90000	1	33.4500	0.63640	0.90000
Starch, Enzymatic		012.03	3	34.1283	0.27528	0.36333	3	34.1283	0.27528	0.36333
Starch, YSI Analyzer		012.04	6	33.3375	1.15338	0.34833	5	33.1900	1.17328	0.14400
Starch, NIR		012.11	3	36.6517	0.56754	0.11000	3	36.6517	0.56754	0.11000
Method Group 012.XX PCT			24	34.6735	1.76011	0.49625	22	34.6905	1.78726	0.31545
Fat, Mojonnier, Bak Ext	954.02	013.02	19	6.90804	0.43136	0.21339	18	6.95092	0.37849	0.16372
Fat, Soxtec-Acid Hydrolysis		013.10	18	6.40675	0.40748	0.16172	18	6.40675	0.40748	0.16172
Fat, Pretreat or extended ext, misc		013.99	2	6.63500	1.05756	0.08000	2	6.63500	1.05756	0.08000
Method Group 013.XX PCT			39	6.66267	0.51849	0.18271	38	6.67653	0.51014	0.15837
Aluminum, ICP		015.00	11	160.906	26.5459	6.63455	10	164.947	23.9978	4.99800
Method Group 015.XX PPM			11	160.906	26.5459	6.63455	10	164.947	23.9978	4.99800
Arsenic, AA, Hydride		016.00	1	0.65000	0.21213	0.30000	1	0.65000	0.21213	0.30000
Arsenic, ICP		016.02	1	0.25000	0.01414	0.02000	1	0.25000	0.01414	0.02000
Method Group 016.XX PPM			2	0.45000	0.26153	0.16000	2	0.45000	0.26153	0.16000

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Boron, ICP		017.00	8	13.4006	1.97565	1.04125	8	13.4006	1.97565	1.04125
Boron, Misc		017.99	1	13.8000	0.00000	0.00000	1	13.8000	0.00000	0.00000
Method Group 017.XX PPM			9	13.4450	1.86029	0.92556	9	13.4450	1.86029	0.92556
Cadmium, ICP		018.02	3	0.09508	0.00687	0.01217	3	0.09508	0.00687	0.01217
Method Group 018.XX PPM			3	0.09508	0.00687	0.01217	3	0.09508	0.00687	0.01217
Calcium, Ox-Mn04 Vol	927.02	019.00	14	0.80080	0.05123	0.00596	13	0.80163	0.05307	0.00488
Calcium, At Abs Spect	968.08	019.01	58	0.79058	0.04737	0.02089	56	0.78888	0.04554	0.01750
Calcium, Hach Method		019.02	1	0.93000	0.00000	0.00000	1	0.93000	0.00000	0.00000
Calcium, Semiauto (Autoanalyzer)		019.03	5	0.84044	0.03158	0.01216	5	0.84044	0.03158	0.01216
Calcium, ICP, Dry Ash		019.05	40	0.78132	0.03973	0.01527	37	0.78359	0.03658	0.01273
Calcium, EDTA		019.08	5	0.82244	0.03231	0.03000	4	0.81680	0.01720	0.01000
Calcium, ICP, Wet Ash		019.09	24	0.80097	0.04407	0.01666	24	0.80097	0.04407	0.01666
Calcium, Misc		019.99	4	0.87325	0.07663	0.02700	4	0.87325	0.07663	0.02700
Method Group 019.XX PCT			151	0.79654	0.04949	0.01738	144	0.79658	0.04823	0.01474
Chromium, AA		020.00	1	2.50000	0.00000	0.00000	1	2.50000	0.00000	0.00000
Chromium, ICP		020.01	8	2.18769	0.91199	0.69213	7	2.01450	0.63224	0.39100
Chromium, Misc		020.99	2	3.47500	1.21583	0.93000	2	3.47500	1.21583	0.93000
Method Group 020.XX PPM			11	2.45014	1.02861	0.67245	10	2.35515	0.92662	0.45970
Cobalt, AA	968.08	021.01	1	0.60000	0.00000	0.00000	1	0.60000	0.00000	0.00000
Cobalt, ICP		021.02	9	0.32303	0.15762	0.05650	8	0.33906	0.15105	0.02688
Cobalt, Misc.		021.99	1	0.36900	0.00000	0.00000	1	0.36900	0.00000	0.00000
Method Group 021.XX PPM			11	0.35239	0.16345	0.04623	10	0.36815	0.15615	0.02150
Copper, AA	968.08	022.01	31	129.758	8.26001	3.57952	29	129.242	7.72006	2.89534
Copper, Em Spect	953.01	022.02	1	129.500	2.12132	3.00000	1	129.500	2.12132	3.00000
Copper, ICP, Dry Ash	968.08	022.03	32	129.480	7.82495	2.83006	31	129.331	7.83686	2.54845
Copper, ICP, Wet Ash	968.08	022.05	25	134.791	8.13812	3.24800	24	134.928	8.20243	2.92500
Copper, Misc		022.99	3	128.741	8.78656	4.82157	3	128.741	8.78656	4.82157
Method Group 022.XX PPM			92	130.993	8.31496	3.26295	88	130.810	8.21769	2.84809
Fluorine, Ion Sel Elect	975.08	023.01	1	0.00300	0.00000	0.00000	1	0.00300	0.00000	0.00000
Iron, AA	968.08	025.01	31	291.257	41.4772	11.0394	30	288.932	39.7466	9.47400
Iron, ICP, Dry Ash	968.08	025.03	31	292.315	25.8989	7.22681	30	292.259	26.1671	6.40103
Iron, ICP, Wet Ash	968.08	025.05	21	308.647	31.8543	17.6495	19	305.242	29.9409	13.2968
Iron, Misc		025.99	3	318.253	23.7642	14.0485	3	318.253	23.7642	14.0485
Method Group 025.XX PPM			86	296.826	34.3777	11.3841	82	295.001	33.1837	9.40288
Lead,		026.00	2	0.22750	0.03500	0.03500	2	0.22750	0.03500	0.03500
Lead, Misc		026.99	1	0.00000	0.00000	0.00000	1	0.00000	0.00000	0.00000
Method Group 026.XX PPM			3	0.15167	0.12057	0.02333	3	0.15167	0.12057	0.02333
Magnesium, Grav MG2P207	937.01	027.00	1	0.19635	0.00064	0.00090	1	0.19635	0.00064	0.00090
Magnesium, AA	968.08	027.01	34	0.19506	0.01367	0.00434	34	0.19506	0.01367	0.00434

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Magnesium, ICP, Dry Ash	968.08	027.03	34	0.19700	0.00919	0.00335	32	0.19728	0.00915	0.00256
Magnesium, ICP, Wet Ash	968.08	027.05	24	0.19500	0.01020	0.00712	24	0.19500	0.01020	0.00712
Magnesium, Misc.		027.99	3	0.19197	0.00985	0.00160	3	0.19197	0.00985	0.00160
Method Group 027.XX PCT			96	0.19565	0.01117	0.00456	94	0.19572	0.01120	0.00432
Manganese, AA	968.08	028.01	27	105.425	6.41747	2.74437	25	106.094	5.41079	2.30872
Manganese, ICP, Dry Ash	968.08	028.03	30	106.021	7.80184	3.22843	30	106.021	7.80184	3.22843
Manganese, ICP, Wet Ash	968.08	028.05	21	108.935	5.90930	4.11381	20	109.522	5.18879	3.63950
Manganese, Misc.		028.99	3	108.700	10.5917	10.9105	3	108.700	10.5917	10.9105
Method Group 028.XX PPM			81	106.677	7.09996	3.58114	78	107.045	6.72349	3.33452
Nitrate, Color	968.07	030.00	1	51.0000	8.48528	12.0000	1	51.0000	8.48528	12.0000
Phosphorus, Vol	964.06	031.00	1	0.81535	0.00757	0.01070	1	0.81535	0.00757	0.01070
Phosphorus, Photometric	965.17	031.01	61	0.77732	0.02961	0.01436	59	0.77777	0.02864	0.01306
Phosphorus, GQMP (2.028)	964.06	031.02	5	0.78729	0.01852	0.01654	5	0.78729	0.01852	0.01654
Phosphorus, Autoanalyzer		031.03	8	0.78976	0.02681	0.01164	8	0.78976	0.02681	0.01164
Phosphorus, ICP		031.05	66	0.77980	0.03467	0.01525	63	0.77908	0.03357	0.01296
Phosphorus, Hach Method		031.06	4	0.77050	0.03268	0.01800	3	0.78067	0.02529	0.00400
Phosphorus, Misc		031.99	9	0.80672	0.05568	0.01100	9	0.80672	0.05568	0.01100
Method Group 031.XX PCT			154	0.78114	0.03407	0.01455	148	0.78137	0.03315	0.01273
Potassium, AA	975.03	032.01	22	0.93776	0.04065	0.01484	20	0.94497	0.02896	0.01285
Potassium, Flame Emission	956.01	032.02	7	0.92336	0.06477	0.01329	6	0.93975	0.05284	0.00717
Potassium, ICP		032.05	54	0.95407	0.05507	0.01652	53	0.95205	0.05327	0.01535
Potassium, Misc		032.99	1	0.92000	0.00000	0.00000	1	0.92000	0.00000	0.00000
Method Group 032.XX PCT			84	0.94684	0.05296	0.01562	80	0.94896	0.04796	0.01392
Salt, Sol Cl	943.01	033.00	15	0.53283	0.03857	0.01287	15	0.53283	0.03857	0.01287
Salt, Poten Cl	969.10	033.01	39	0.56150	0.02531	0.00854	34	0.55849	0.02436	0.00451
Salt, Quantab		033.03	8	0.53813	0.04400	0.02125	8	0.53813	0.04400	0.02125
Salt, Ion Sel Electrode		033.05	1	0.55000	0.01414	0.02000	1	0.55000	0.01414	0.02000
Salt, Misc		033.99	7	0.53993	0.05666	0.02643	8	0.55994	0.07597	0.02312
Method Group 033.XX PCT			70	0.55037	0.03661	0.01287	65	0.54793	0.03638	0.01110
Selenium, Fluor	969.06	034.01	3	0.58767	0.17133	0.05067	3	0.58767	0.17133	0.05067
Selenium, AA, Hydride		034.04	7	0.43936	0.04926	0.00900	7	0.43936	0.04926	0.00900
Selenium, ICP		034.05	5	0.45256	0.18088	0.06056	5	0.45256	0.18088	0.06056
Method Group 034.XX PPM			15	0.47342	0.14040	0.03452	15	0.47342	0.14040	0.03452
Sodium, AA		035.00	26	0.18971	0.01566	0.00965	26	0.18971	0.01566	0.00965
Sodium, Ion Sel Electrode		035.01	5	0.20848	0.00964	0.00580	5	0.20848	0.00964	0.00580
Sodium, ICP		035.03	53	0.18373	0.01466	0.00584	50	0.18425	0.01461	0.00479
Sodium, Flame Emission	956.01	035.05	9	0.18931	0.00983	0.00490	8	0.18859	0.00864	0.00176
Sodium, Misc		035.99	3	0.18733	0.01035	0.00333	3	0.18733	0.01035	0.00333
Method Group 035.XX PCT			96	0.18727	0.01523	0.00670	92	0.18759	0.01513	0.00591

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Sulfur, (Gravimetric)		036.00	3	0.21667	0.02944	0.00667	3	0.21667	0.02944	0.00667
Sulfur, ICP		036.03	18	0.22479	0.02117	0.00344	18	0.22479	0.02117	0.00344
Sulfur, LECO		036.04	4	0.23788	0.01932	0.01325	4	0.23788	0.01932	0.01325
Method Group 036.XX PCT			25	0.22591	0.02229	0.00540	25	0.22591	0.02229	0.00540
Zinc, Dithizone	941.03	037.00	1	389.000	1.41421	2.00000	1	389.000	1.41421	2.00000
Zinc, AA	968.08	037.01	35	361.918	21.4826	8.75083	31	362.758	21.4385	5.05094
Zinc, ICP, Dry Ash	968.08	037.03	29	362.932	18.3920	7.73083	28	362.073	17.8393	6.79264
Zinc, ICP, Wet Ash	968.08	037.05	24	371.985	26.2676	11.6088	24	371.985	26.2676	11.6088
Zinc, Misc		037.99	3	353.283	28.1760	6.11457	3	353.283	28.1760	6.11457
Method Group 037.XX PPM			92	364.877	22.5133	9.01551	87	365.058	22.4316	7.42215
Molybdenum, ICP		038.00	8	2.09147	0.45248	0.36531	7	2.01168	0.26501	0.17464
Molybdenum, Misc		038.99	1	2.25000	0.07071	0.10000	1	2.25000	0.07071	0.10000
Method Group 038.XX PPM			9	2.10908	0.42845	0.33583	8	2.04147	0.26043	0.16531
Nickel, AA		039.01	1	1.70000	0.00000	0.00000	1	1.70000	0.00000	0.00000
Nickel, ICP		039.02	7	1.94218	0.43250	0.24436	7	1.94218	0.43250	0.24436
Method Group 039.XX PPM			8	1.91191	0.41105	0.21381	8	1.91191	0.41105	0.21381
Barium, ICP		040.00	1	4.22500	0.06364	0.09000	1	4.22500	0.06364	0.09000
Vanadium, ICP		041.00	3	1.20817	0.09047	0.04033	3	1.20817	0.09047	0.04033
Method Group 041.XX PPM			3	1.20817	0.09047	0.04033	3	1.20817	0.09047	0.04033
Carbadox, HPLC		050.01	10	0.00539	0.00054	0.00021	9	0.00534	0.00053	0.00012
Method Group 050.XX PCT			10	0.00539	0.00054	0.00021	9	0.00534	0.00053	0.00012
Niacin, Micro	944.13	102.01	1	56.9500	0.49497	0.70000	1	56.9500	0.49497	0.70000
Thiamine, HPLC		105.00	1	2.76500	0.03536	0.05000	1	2.76500	0.03536	0.05000
Vitamin A, HPLC		106.02	14	4.33321	1.48327	0.30786	13	4.30769	1.52719	0.23077
Method Group 106.XX KU/LB			14	4.33321	1.48327	0.30786	13	4.30769	1.52719	0.23077
Vitamin B12,	952.20	107.00	1	15.0500	0.35355	0.50000	1	15.0500	0.35355	0.50000
Vitamin D3, HPLC		108.02	2	3.44250	2.75177	0.08500	2	3.44250	2.75177	0.08500
Method Group 108.XX KU/LB			2	3.44250	2.75177	0.08500	2	3.44250	2.75177	0.08500
Vitamin E, HPLC		109.02	8	112.437	19.4577	6.34312	7	111.285	20.1264	3.96357
Method Group 109.XX MG/KG			8	112.437	19.4577	6.34312	7	111.285	20.1264	3.96357
Pyridoxine, (Vitamin B6)	961.15	112.00	1	8.21500	0.62933	0.89000	1	8.21500	0.62933	0.89000
Folic Acid,	944.12	113.01	1	1.76000	0.01414	0.02000	1	1.76000	0.01414	0.02000
Biotin, Microbiological		114.01	1	0.30550	0.00778	0.01100	1	0.30550	0.00778	0.01100
Alanine, Post-col Ninhydrin Der	994.12	120.00	10	1.07173	0.02542	0.01019	9	1.07303	0.02564	0.00688
Alanine, Pre-col AQC Der		120.05	1	1.09000	0.02828	0.04000	1	1.09000	0.02828	0.04000
Method Group 120.XX PCT			11	1.07339	0.02553	0.01290	10	1.07473	0.02564	0.01019
Arginine, Post-col Ninhydrin Der	994.12	121.00	10	1.43891	0.05484	0.02114	10	1.43891	0.05484	0.02114
Arginine, Pre-col AQC Der		121.05	1	1.49500	0.09192	0.13000	1	1.49500	0.09192	0.13000
Method Group 121.XX PCT			11	1.44401	0.05827	0.03104	11	1.44401	0.05827	0.03104

Method	AOAC 18th	Method Code	- Pass 1 Results for 203 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 202 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Aspartic, Post-col Ninhydrin Der	994.12	122.00	10	2.04737	0.04284	0.03052	10	2.04737	0.04284	0.03052
Method Group 122.XX PCT			10	2.04737	0.04284	0.03052	10	2.04737	0.04284	0.03052
Cysteine/Cystine, PAO Post-col Ninhydri	994.12	124.00	9	0.32558	0.04145	0.01569	8	0.32128	0.03931	0.00740
Cysteine/Cystine, PAO Post-col OPA Der		124.02	1	0.30500	0.00707	0.01000	1	0.30500	0.00707	0.01000
Cysteine/Cystine, PAO Pre-col AQC Der .		124.05	1	0.35000	0.01414	0.02000	1	0.35000	0.01414	0.02000
Method Group 124.XX PCT			11	0.32593	0.03872	0.01556	10	0.32252	0.03669	0.00892
Glutamic, Post-col Ninhydrin Der	994.12	125.00	11	3.74924	0.12691	0.05420	11	3.74924	0.12691	0.05420
Glutamic, Pre-col AQC Der		125.05	1	3.66500	0.27577	0.39000	1	3.66500	0.27577	0.39000
Method Group 125.XX PCT			12	3.74222	0.13630	0.08218	12	3.74222	0.13630	0.08218
Glycine, Post-col Ninhydrin Der	994.12	126.00	11	1.07515	0.04304	0.02164	10	1.08086	0.03816	0.01480
Glycine, Pre-col AQC Der		126.05	1	1.13000	0.00000	0.00000	1	1.13000	0.00000	0.00000
Method Group 126.XX PCT			12	1.07972	0.04394	0.01983	11	1.08533	0.03907	0.01345
Histidine, Post-col Ninhydrin Der	994.12	127.00	11	0.55080	0.02362	0.01534	11	0.55080	0.02362	0.01534
Histidine, Pre-col AQC Der		127.05	1	0.59500	0.00707	0.01000	1	0.59500	0.00707	0.01000
Method Group 127.XX PCT			12	0.55448	0.02583	0.01489	12	0.55448	0.02583	0.01489
Isoleucine, Post-col Ninhydrin Der	994.12	128.00	9	0.83959	0.02963	0.01297	9	0.83959	0.02963	0.01297
Isoleucine, Pre-col AQC Der		128.05	1	0.90000	0.01414	0.02000	1	0.90000	0.01414	0.02000
Method Group 128.XX PCT			10	0.84564	0.03379	0.01367	10	0.84564	0.03379	0.01367
Leucine, Post-col Ninhydrin Der	994.12	129.00	11	1.67109	0.06680	0.02338	10	1.68425	0.05264	0.01802
Leucine, Pre-col AQC Der		129.05	1	1.74500	0.02121	0.03000	1	1.74500	0.02121	0.03000
Method Group 129.XX PCT			12	1.67725	0.06730	0.02393	11	1.68977	0.05337	0.01911
L-Lysine, Post-col Ninhydrin Der	994.12	130.00	12	1.32993	0.06088	0.01972	12	1.32993	0.06088	0.01972
L-Lysine, Pre-col OPA Der		130.01	1	1.36000	0.01414	0.02000	1	1.36000	0.01414	0.02000
L-Lysine, Pre-col AQC Der		130.05	4	1.35375	0.07726	0.07250	5	1.39700	0.11392	0.06200
Method Group 130.XX PCT			17	1.33730	0.06318	0.03215	17	1.33730	0.06318	0.03215
Methionine, PAO Post-col Ninhydrin Der	994.12	131.00	10	0.40835	0.02585	0.01133	9	0.41333	0.02085	0.00803
Methionine, PAO Post-col OPA Der		131.02	1	0.39000	0.00000	0.00000	1	0.39000	0.00000	0.00000
Methionine, PAO Pre-col AQC Der		131.05	2	0.41250	0.04856	0.05500	2	0.41250	0.04856	0.05500
Method Group 131.XX PCT			13	0.40757	0.02864	0.01718	12	0.41125	0.02592	0.01519
Phenylalanine, Post-col Ninhydrin Der .	994.12	132.00	11	0.99390	0.03639	0.01978	10	0.99379	0.03653	0.01476
Phenylalanine, Pre-col AQC Der		132.05	1	1.03500	0.00707	0.01000	1	1.03500	0.00707	0.01000
Method Group 132.XX PCT			12	0.99733	0.03668	0.01897	11	0.99754	0.03683	0.01433
Proline, Post-col Ninhydrin Der	994.12	133.00	10	1.25417	0.06460	0.02744	10	1.25417	0.06460	0.02744
Proline, Pre-col AQC Der		133.05	1	1.48000	0.01414	0.02000	1	1.48000	0.01414	0.02000
Method Group 133.XX PCT			11	1.27470	0.09056	0.02676	11	1.27470	0.09056	0.02676
Serine, Post-col Ninhydrin Der	994.12	134.00	11	0.97719	0.08039	0.03272	10	0.98386	0.07850	0.02269
Serine, Pre-col AQC Der		134.05	1	1.10000	0.02828	0.04000	1	1.10000	0.02828	0.04000
Method Group 134.XX PCT			12	0.98742	0.08449	0.03333	11	0.99441	0.08235	0.02426
Threonine, Post-col Ninhydrin Der	994.12	135.00	10	0.87216	0.02861	0.01826	9	0.87484	0.02680	0.01318

Method	AOAC 18th	Method Code	- Pass 1 Results for 203 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 202 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Threonine, Pre-col AQC Der		135.05	3	0.87167	0.04535	0.02333	3	0.87167	0.04535	0.02333
Method Group 135.XX PCT			13	0.87205	0.03215	0.01943	12	0.87405	0.03130	0.01572
Tryptophan, Alka-Hydrol Post-col Ninhyd	988.15	136.00	3	0.22932	0.04200	0.00450	3	0.22932	0.04200	0.00450
Tryptophan, Alka-Hydrol Rev Phase LC UV		136.01	3	0.24168	0.05923	0.00577	3	0.24168	0.05923	0.00577
Tryptophan, Misc		136.99	1	0.21500	0.02121	0.03000	1	0.21500	0.02121	0.03000
Method Group 136.XX PCT			7	0.23257	0.04640	0.00869	7	0.23257	0.04640	0.00869
Tyrosine, Post-col Ninhydrin Der	994.12	137.00	8	0.69285	0.05662	0.02957	8	0.69285	0.05662	0.02957
Tyrosine, Pre-col AQC Der		137.05	1	0.61500	0.10607	0.15000	1	0.61500	0.10607	0.15000
Method Group 137.XX PCT			9	0.68420	0.06422	0.04296	9	0.68420	0.06422	0.04296
Valine, Post-col Ninhydrin Der	994.12	138.00	11	0.99210	0.06108	0.03365	10	0.99117	0.06137	0.02551
Valine, Pre-col AQC Der		138.05	1	1.02000	0.00000	0.00000	1	1.02000	0.00000	0.00000
Method Group 138.XX PCT			12	0.99443	0.05890	0.03084	11	0.99379	0.05898	0.02319
Taurine, Post-col Ninhydrin Der	994.12	139.00	1	0.06000	0.00000	0.00000	1	0.06000	0.00000	0.00000
Aflatoxin, Neogen Vera-Tox		300.01	2	1.27675	0.21877	0.09650	2	1.27675	0.21877	0.09650
Method Group 300.XX PPB			2	1.27675	0.21877	0.09650	2	1.27675	0.21877	0.09650

AAFCO - Feed Check Sample No. - 200726 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 000.99	--
265	0.1550	.71
--	Method 001.00	--
504	12.140	1.38
001	11.785	.82
720	11.725	.73
309	11.295	.23
169	11.375	.19
Avg	11.260	
027	11.100	-.25
029	10.370	-1.39
509	10.290	-1.52
596	8.3500 s	-4.55
--	Method 001.03	--
567	11.400	1.67
663	11.345	.26
Avg	11.323	
686	11.295	-.41
688	11.250	-.69
--	Method 001.05	--
610	10.900	.00
--	Method 001.07	--
130	11.817	2.25
142	11.750	2.01
089	11.495	1.24
199	11.415	1.00
004	11.405	.97
307	11.135 R	.92
559	11.370	.90
035	11.380	.90
639	11.355	.82
278	11.135	.63
414	11.080	.63
098	11.280	.60
048	11.240	.60
588	11.250	.52

Lab	Average*	Index
--	Method 001.07	--
049	11.180	.44
571	11.215	.41
590	11.185	.37
129	11.180	.34
177	11.180	.30
178	11.150	.26
689	11.150	.26
581	11.145	.21
139	11.125	.14
640	11.120	.14
671	11.110	.09
607	11.089	.03
Avg	11.079	
015	11.055	-.15
669	10.990	-.28
616	10.980	-.40
083	10.950	-.41
353	10.875	-.65
609	10.850	-.70
038	10.910	-.80
187	10.805	-.82
550	10.750	-1.04
693	10.825	-1.07
599	10.990 R	-1.16
413	10.700	-1.17
679	10.500	-1.73
074	10.425	-1.95
591	10.395	-2.04
045	10.350	-2.18
727	10.324 R	-2.57
366	9.8500 A	-3.67
140	9.4500 S	-4.86
648	8.9700 s	-6.29
618	4.7550 s	-18.85
297	4.4800 s	-19.67

Lab	Average*	Index
--	Method 001.99	--
405	12.725 S	2.34
305	12.220	1.52
665	11.990	1.15
536	11.355	.49
681	11.450	.28
096	11.400	.19
357	11.340	.11
505	11.290	.05
Avg	11.191	
662	11.250	-.14
631	11.130	-.24
676	11.105	-.32
656	11.120	-.32
672	11.085	-.38
619	11.050	-.38
615	10.640	-1.06
630	10.460	-1.35
541	10.165	-1.87
560	10.210 R	-2.06
--	Method 002.00	--
679	21.535	1.12
015	21.350	.67
Avg	21.160	
353	20.935	-.81
199	20.820	-1.07
--	Method 002.01	--
666	21.740	1.75
607	21.415	.64
723	21.420	.64
672	21.400	.61
710	21.310	.25
Avg	21.241	
653	21.145	-.35
656	21.160	-.48
043	21.240	-.56
652	21.000	-.84
309	21.110	-.86

Lab	Average*	Index
--	Method 002.01	--
714	20.706	-2.02
--	Method 002.02	--
307	23.100 S	3.01
048	22.620	2.19
297	21.755	.91
712	21.605	.50
639	21.600	.45
669	21.335	.09
Avg	21.335	
033	21.030	-.55
043	21.020	-.63
187	20.915	-.71
036	20.874	-.78
169	20.595	-1.26
152	20.460 R	-1.75
--	Method 002.03	--
536	24.775 S	37.36
265	23.400 S	24.39
681	20.815	.71
Avg	20.815	
--	Method 002.04	--
509	21.935	.97
596	21.750	.72
018	21.505	.27
504	21.375	.10
Avg	21.301	
591	19.940	-1.72
405	14.780 S	-8.23
--	Method 002.05	--
596	21.750 R	2.27
305	21.750	1.89
039	21.646	1.47
651	21.448	.72
083	21.400	.66
177	21.380	.51

Lab	Average*	Index
--	Method 002.05	--
622	21.378	.46
633	21.374	.45
658	21.327	.40
350	21.352	.37
552	21.351	.37
028	21.280	.15
Avg	21.255	
354	21.225	-.12
663	21.130	-.52
140	21.100	-.64
620	20.962	-1.11
178	21.200 R	-1.51
194	20.845	-1.54
621	20.840	-1.55
648	20.795	-1.73
689	20.800 R	-2.04
--	Method 002.06	--
554	42.965 s	51.72
130	23.580 s	7.57
035	22.900 s	4.81
417	23.085 s	3.63
018	22.800 s	2.92
013	22.710	2.70
263	22.585	2.39
616	22.560	2.34
108	22.555	2.32
168	22.515	2.31
541	22.375	1.90
202	22.185	1.43
511	22.125	1.38
645	22.100	1.31
004	22.095	1.21
175	22.050	1.16
693	21.635 R	1.03
363	22.005	1.01
034	22.005	.99
425	22.005	.99
508	21.877	.99

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

AAFCO - Feed Check Sample No. - 200726 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 002.06 --		--	Method 002.06 --		--	Method 002.06 --		--	Method 002.09 --		--	Method 002.99 --	
647	21.995	.97	138	21.620	.09	229	21.290	-.76	727	20.505	-.71	630	21.270	-.21
596	21.750 R	.93	160	21.615	.08	179	21.280	-.77				640	21.085	-.67
687	21.950	.86	141	21.606	.05	676	21.265	-.83	--	Method 002.10 --		724	20.855	-1.26
049	21.865	.85	Avg	21.596		692	21.250	-.85	596	21.750 R	2.26			
026	21.925	.80	671	21.585	-.05	159	21.241	-.86	629	21.375	.87	--	Method 003.00 --	
017	21.640 R	.78	096	21.580	-.06	414	21.470 R	-.88	688	21.350	.80	035	7.3950 s	16.08
626	21.910	.77	242	21.560	-.09	144	21.465 R	-.92	546	21.345	.78	307	6.3150	2.95
610	21.900	.74	051	21.560	-.09	598	21.580 R	-.94	619	21.100	.30	015	6.1150 R	1.79
672	21.900	.74	065	21.555	-.12	010	21.215	-.95	Avg	21.090		676	6.0800 R	1.62
574	21.840	.65	106	21.560	-.13	199	21.200	-.99	631	20.825	-.82	354	6.0850	1.22
660	21.625	.60	129	21.525	-.19	006	21.195	-1.06	628	20.545	-1.65	187	6.0700	1.08
037	21.840	.59	358	21.515	-.21	185	21.191	-1.15				353	6.0400	1.04
571	21.835	.58	027	21.575	-.24	567	21.200	-1.20	--	Method 002.11 --		309	5.9900	.89
171	21.800	.55	021	21.505	-.24	504	21.100	-1.23	596	21.750 R	2.63	596	6.0000	.54
074	21.745	.52	003	21.560	-.26	098	21.050	-1.33	713	21.460	1.88	509	6.0000	.54
019	21.805	.51	148	21.490	-.26	559	20.990	-1.55	553	21.125	1.22	032	5.9650	.33
014	21.606	.48	505	21.500	-.27	510	20.900	-1.69	567	21.150	1.20	194	5.9350	.12
029	21.700	.46	038	21.485	-.28	226	20.800 R	-2.16	140	21.090	1.09	Avg	5.9289	
121	21.770	.45	668	21.550	-.28	539	20.700	-2.18	665	21.060	1.00	017	5.9150	-.11
589	21.660	.44	309	21.505	-.29	673	20.700	-2.18	032	20.650	.43	033	5.9100	-.14
670	21.775	.43	619	21.500	-.34	142	20.700	-2.18	648	20.750	.33	139	5.9150	-.16
520	21.750	.43	550	21.495	-.34	686	20.640	-2.34	628	20.659	.23	164	5.9100	-.16
646	21.625	.43	298	21.450	-.35	294	20.630	-2.34	Avg	20.610		175	5.9250	-.19
122	21.765	.42	009	21.475	-.36	119	20.540	-2.56	690	20.550	-.17	563	5.9100	-.21
011	21.650	.39	618	21.545	-.37	615	20.550 s	-2.68	588	20.450	-.36	039	5.9080	-.21
709	21.736	.37	357	21.470	-.38	047	20.385 s	-2.94	672	20.470	-.38	106	5.8850	-.35
089	21.745	.36	366	21.480	-.40	527	20.130 s	-3.55	688	20.600	-.44	129	5.9000	-.37
413	21.700	.35	674	21.450	-.43				724	20.395	-.48	615	5.8400	-.68
164	21.740	.35	720	21.420	-.45	--	Method 002.08 --		599	20.500	-.50	152	5.8350	-.76
529	21.720	.30	036	21.420	-.45	536	24.785 S	13.86	631	20.280	-.73	616	5.8150	-.87
001	21.685	.28	726	21.490	-.46	062	21.534	.88	178	20.050	-1.24	726	5.8000	-1.05
650	21.685	.25	190	21.395	-.49	563	21.485	.68	011	19.950	-1.46	265	5.7400	-1.66
278	21.600	.24	353	21.470	-.53	610	21.350	.24	297	19.800	-1.81	190	5.6850	-1.86
590	21.675	.21	588	21.370	-.56	160	21.340	.15	640	18.545 s	-4.57	048	5.4800 s	-3.87
110	21.660	.20	573	21.583	-.59	Avg	21.317					026	5.3200 s	-4.68
512	21.630	.17	407	21.350	-.60	414	20.875	-1.78	--	Method 002.99 --		142	4.1000 s	-13.90
682	21.660	.15	233	21.350	-.60				643	21.790	1.16	527	3.1050 s	-21.46
205	21.625	.15	139	21.350	-.64				599	21.735	1.03			
354	21.635	.10	609	21.320	-.68				Avg	21.347				

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

AAFCO - Feed Check Sample No. - 200726 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 003.01	--
504	5.2900	.71
--	Method 003.04	--
681	6.0400	.71
--	Method 003.06	--
574	6.4150 s	2.73
621	6.4550	2.51
229	6.1850	1.43
074	6.1150	1.12
688	6.1000	1.11
122	6.0100	.67
294	6.0050	.64
009	6.0000	.62
588	5.9850	.56
689	5.9500	.46
185	5.9450	.39
709	5.8575	.12
Avg	5.8521	
640	5.8400	-.07
684	5.8450	-.07
159	5.8450	-.11
199	5.8400	-.13
148	5.8000	-.22
511	5.8250	-.22
669	5.7850	-.30
559	5.7500	-.43
425	5.7250	-.53
567	5.7000	-.76
668	5.6530	-.86
552	5.6730	-.90
581	5.4700	-1.60
682	5.4500	-1.68
647	5.5000 R	-2.04
169	5.3450	-2.13
297	1.1650 s	-19.54

Lab	Average*	Index
--	Method 003.09	--
029	6.4500 s	3.97
714	6.5390 s	3.80
226	6.1500	1.82
620	6.1097	1.60
673	6.0500	1.32
505	5.9800	1.09
140	6.0000	1.05
305	5.9750	.91
038	5.9300	.73
413	5.8000	.51
656	5.8600	.33
590	5.8100	.31
651	5.8235	.20
Avg	5.7972	
350	5.7787	-.10
354	5.7650	-.18
723	5.7450	-.27
004	5.7650	-.33
633	5.7330	-.33
358	5.7950	-.38
653	5.7100	-.45
027	5.7100	-.49
510	5.7000	-.50
121	5.6900	-.55
674	5.7150	-.72
098	5.7950 R	-.95
263	5.5353	-1.34
013	5.5150	-1.44
727	5.5900 R	-1.82
001	5.2850	-2.62
--	Method 003.10	--
639	6.3500	2.45
520	6.2750	2.20
108	6.1050	1.59
596	6.1000	1.52
618	5.9800 R	1.50
648	5.9500	.92
672	5.9500	.92

Lab	Average*	Index
--	Method 003.10	--
620	5.7224	.63
233	5.8350	.58
366	5.8400	.49
598	5.8200	.40
202	5.8150	.38
607	5.7783	.26
693	5.7700	.23
045	5.7500	.23
098	5.7600	.17
062	5.7415	.10
242	5.7300	.06
Avg	5.7167	
100	5.7100	-.12
034	5.6700	-.19
573	5.6640	-.23
599	5.6450	-.28
178	5.6500	-.32
623	5.7002	-.36
089	5.6000	-.45
298	5.6000	-.45
119	5.6050	-.46
363	5.5300	-.73
651	5.5260	-.73
144	5.5100	-.79
629	5.4650	-1.01
160	5.4150	-1.16
720	5.3050	-1.59
619	5.3050	-1.59
051	5.1750	-2.12
591	4.9250 S	-3.04
609	4.7050 s	-3.89
--	Method 003.11	--
567	6.0500	1.97
690	6.0000	1.69
032	5.8850	1.10
631	5.8650	.99
648	5.8600	.97
553	5.8200 R	.92

Lab	Average*	Index
--	Method 003.11	--
011	5.7500	.47
628	5.6895	.22
178	5.7000	.13
Avg	5.6744	
140	5.6700	-.16
672	5.6150	-.31
665	5.6000	-.44
713	5.5950	-.45
297	5.5700	-.56
688	5.5000	-.91
640	5.4750	-1.04
588	5.4600	-1.12
724	5.4550	-1.14
599	5.4000	-1.43
--	Method 003.12	--
670	6.2150	1.61
Avg	5.8850	
171	5.8000	-.42
414	5.7700	-.57
628	5.7550	-.63
357	4.4500 S	-6.98
--	Method 003.13	--
028	6.0000	1.20
Avg	5.8602	
205	5.8205	-.56
646	5.7600	-.86
660	5.4650 R	-4.50
--	Method 003.14	--
529	6.4900	2.64
185	5.9250	.64
550	5.8625	.46
021	5.8300	.31
Avg	5.7440	
144	5.7300	-.09
049	5.6900	-.19
407	5.6750	-.24

Lab	Average*	Index
--	Method 003.14	--
110	5.6300	-.42
414	5.6900	-.50
019	5.5150	-.89
686	5.4900	-.95
278	5.4000	-1.27
175	4.7700 s	-3.44
--	Method 003.99	--
671	6.7800 S	1.38
724	6.5950	1.09
652	6.4000 S	.92
417	6.3850 S	.89
631	6.0650	.28
Avg	5.9190	
630	5.8500	-.18
047	5.5550	-.51
710	5.5300	-.54
546	4.8100 S	-1.65
536	4.2900 S	-2.45
--	Method 004.00	--
265	4.4450 s	5.62
190	3.3650	1.70
159	3.2485	1.28
509	3.2400	1.25
015	3.1950	1.08
596	3.1500	.94
510	3.1000	.83
354	3.1050	.82
309	3.0400	.55
034	3.0420	.55
559	2.9900	.36
425	2.9500	.28
199	2.8900	.11
Avg	2.8894	
194	2.8350	-.20
175	2.8750	-.20
298	2.8300	-.21
009	2.8000	-.35

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

AAFCO - Feed Check Sample No. - 200726 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 004.00	--
563	2.7750	-.42
169	2.7700	-.42
164	2.8000	-.48
353	2.7850	-.50
726	2.7600	-.51
666	2.6950	-.69
511	2.7500 R	-1.02
504	2.7050 R	-1.12
647	2.3450	-1.94
048	2.3500	-2.03
226	2.3000	-2.12
--	Method 004.01	--
366	3.8450	1.03
Avg	3.7775	
693	3.7100	-.66
--	Method 004.03	--
045	3.3500	.78
679	3.3400	.60
Avg	3.1417	
619	2.7350	-1.24
--	Method 004.06	--
554	8.3550 s	20.34
673	4.7500 s	6.33
552	3.7510	2.46
676	3.6800	2.18
205	3.5400 R	2.04
178	3.4000	1.15
674	3.3100	1.07
029	3.3900	1.05
609	3.2200	.94
140	3.2500	.61
672	3.1500	.59
620	3.2390	.57
588	3.2650	.56
354	3.2550	.52
720	3.1650	.48

Lab	Average*	Index
--	Method 004.06	--
607	3.2104	.36
633	3.1691	.18
723	3.1450	.10
Avg	3.1228	
027	3.0950	-.12
591	3.1050	-.15
350	3.0953	-.17
710	3.0550	-.27
038	3.0100	-.64
656	3.0700	-.66
098	2.9400	-.71
599	2.8900	-.91
670	2.9500	-.97
653	2.8600	-1.02
688	2.8500	-1.08
590	2.8250	-1.17
689	2.8000	-1.26
598	2.7900	-1.30
610	2.7500	-1.46
--	Method 004.07	--
019	3.9950 s	3.93
581	3.7400	2.71
639	3.6250	2.34
669	3.5850	2.17
407	3.3500	1.37
028	3.3500	1.37
242	3.2900	1.16
709	3.1125 R	1.06
278	3.2500	1.03
520	3.2350	.97
643	3.1750	.79
074	3.1200	.71
011	3.0600	.50
033	3.0750	.44
003	3.0400	.37
144	3.0550	.36
505	2.9900	.24
567	2.9700	.12

Lab	Average*	Index
--	Method 004.07	--
121	2.9650	.10
294	2.9750	.08
185	2.9750	.08
Avg	2.9514	
229	2.8900	-.23
004	2.8950	-.27
708	2.8700	-.28
529	2.8650	-.30
414	2.8800	-.30
110	2.8550	-.33
026	2.9200	-.39
089	2.8350	-.40
122	2.8350	-.41
035	2.7850	-.57
098	2.8000	-.58
686	2.7800	-.62
021	2.7500	-.70
096	2.7900	-.71
307	2.7000	-.86
682	2.7000	-.86
013	2.7000	-.86
631	2.7000	-.87
160	2.6950	-.88
032	2.6850	-.94
646	2.5650	-1.32
413	2.5500	-1.38
202	2.5350	-1.44
100	2.5050	-1.61
--	Method 004.11	--
178	4.4500 S	1.96
672	4.0000	1.14
690	3.8000	.80
724	3.7800	.75
599	3.7500 R	.74
665	3.7250	.65
631	3.6650	.54
648	3.5500	.35
688	3.5000	.24

Lab	Average*	Index
--	Method 004.11	--
567	3.4500	.18
713	3.4350	.13
628	3.3810	.03
Avg	3.2982	
140	3.3350	-.15
011	2.8000	-1.04
588	2.7050	-1.19
553	2.6600	-1.27
032	2.6150	-1.36
640	2.3700	-1.80
--	Method 004.99	--
724	3.4950	1.66
626	3.0600	.61
628	2.8350	.07
Avg	2.8092	
648	2.7100	-.29
629	2.4500	-.88
640	2.3050	-1.22
--	Method 005.00	--
676	5.7750	2.71
142	5.7500	2.52
139	5.7050	2.09
672	5.7000	2.04
726	5.6950	2.00
619	5.5700 R	1.67
709	5.6200	1.49
185	5.5800 R	1.45
100	5.6300	1.43
510	5.6200	1.38
307	5.5900	1.28
588	5.6050	1.24
647	5.5850	1.18
621	5.6000	1.17
679	5.6000	1.17
357	5.6000	1.16
413	5.6000	1.16
640	5.6000	1.16

Lab	Average*	Index
--	Method 005.00	--
658	5.5963	1.13
541	5.4850 R	1.11
710	5.5900	1.08
159	5.5910	1.08
098	5.5900	1.07
666	5.5850	1.03
629	5.5800	.98
226	5.5000 R	.93
669	5.5700	.91
609	5.5250	.90
723	5.5675	.88
004	5.5650	.86
520	5.5600	.85
567	5.5500	.84
539	5.5500	.84
599	5.5600	.82
693	5.5600	.81
242	5.5600	.80
720	5.5100	.72
305	5.5450	.71
504	5.4850	.68
164	5.5450	.67
187	5.5450	.67
294	5.5350	.60
689	5.5350	.58
229	5.5300	.55
140	5.4850	.51
414	5.5200	.46
643	5.4800	.37
662	5.4700	.35
633	5.5085	.35
350	5.5025	.32
670	5.4900	.32
148	5.5050	.32
035	5.5000	.29
590	5.5000	.29
529	5.5000	.27
688	5.5000	.27
045	5.5000	.27

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

AAFCO - Feed Check Sample No. - 200726 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 005.00 --	
363	5.4950	.26
591	5.4850	.26
563	5.4750	.23
171	5.4900	.20
407	5.4850	.15
194	5.4750	.14
620	5.4800	.13
Avg	5.4691	
083	5.4500	-.17
417	5.4550	-.18
559	5.4550	-.18
175	5.4500	-.19
623	5.4430	-.23
354	5.4500	-.24
660	5.4500	-.24
631	5.4500	-.24
358	5.4450	-.25
278	5.4450	-.25
179	5.4410	-.26
144	5.4400	-.31
298	5.4300	-.36
048	5.4400	-.44
138	5.4250	-.45
353	5.4600	-.45
651	5.4165	-.47
650	5.4200	-.47
178	5.4500	-.47
668	5.4500	-.47
015	5.4150	-.50
366	5.4350	-.50
001	5.4150	-.53
034	5.4100	-.53
121	5.4620	-.54
108	5.4500	-.56
505	5.4250	-.56
653	5.4350	-.57
646	5.4050	-.61
205	5.4170	-.61
089	5.4000	-.61
--	Method 005.00 --	
645	5.4000	-.61
129	5.4000	-.62
309	5.4000	-.62
671	5.4000	-.64
202	5.3950	-.66
656	5.3950	-.67
062	5.3920	-.68
552	5.3950	-.69
712	5.3950	-.69
033	5.3900	-.71
199	5.3900	-.72
265	5.3900	-.72
622	5.3766	-.82
598	5.3700	-.88
616	5.3750	-.89
550	5.3600	-.99
160	5.3550	-1.02
051	5.3600	-1.03
029	5.3550	-1.06
684	5.3500	-1.06
027	5.3500	-1.07
169	5.3450	-1.14
686	5.3400	-1.14
119	5.3350	-1.19
674	5.3600	-1.20
110	5.3350	-1.32
425	5.3150	-1.36
019	5.3150	-1.37
130	5.4525 R	-1.44
152	5.2850	-1.63
596	5.3000 R	-1.74
297	5.2500	-1.99
527	5.2400	-2.06
615	5.2050	-2.35
639	5.1900	-2.49
049	5.1450	-2.87
038	5.1450 s	-4.12
618	4.7950 s	-5.98
682	4.6000 s	-7.69
--	Method 005.00 --	
548	4.6050 s	-9.81
--	Method 005.02 --	
610	5.6150	-.71
--	Method 005.11 --	
672	5.9700 S	1.94
665	5.8050	1.16
688	5.7500	.89
640	5.7550	.88
599	5.6500 R	.82
140	5.5950	.33
Avg	5.5407	
724	5.5650	-.05
178	5.5500	-.27
713	5.5350	-.41
648	5.4450	-.63
628	5.4385	-.66
588	5.4900	-.71
690	5.3000	-1.33
631	5.2600	-1.53
--	Method 005.99 --	
673	5.7000	1.37
727	5.6600	1.08
648	5.6250	.82
628	5.6050	.66
574	5.5900	.57
652	5.5500	.45
Avg	5.5177	
096	5.5000	-.13
630	5.5050 R	-.80
681	5.4250	-.85
663	5.3750	-1.08
724	5.3400	-1.34
122	5.3250	-1.45
--	Method 008.02 --	
527	7.0200 s	5.43
226	5.4500	2.49
187	4.5750	.86
309	4.2650	.53
098	4.2700	.42
045	4.2000	.24
148	4.2450	.23
684	4.2200	.18
Avg	4.1243	
035	4.0400	-.16
354	4.0250	-.27
726	3.9750	-.37
619	3.8900	-.44
405	3.8100	-.59
038	3.8150	-.66
353	2.9600	-2.18
141	0.0000 s	-7.73
--	Method 008.05 --	
265	4.8000	-.71
--	Method 008.08 --	
510	5.7500 s	3.96
646	4.8900	1.86
001	4.8700 X	1.83
581	4.6550	1.28
049	4.5500	1.03
414	4.2350	.54
037	4.2200	.53
278	4.2500	.47
413	4.2500	.32
674	4.2200	.30
202	4.1300	.10
Avg	4.1284	
033	4.1150	-.05
693	4.0150	-.31
185	3.9550	-.43
357	3.8000	-.83
160	3.7800	-.85
--	Method 008.08 --	
004	3.7450	-.93
026	3.7000	-1.05
294	3.6100	-1.26
686	3.4500	-1.65
--	Method 008.99 --	
297	4.4800	1.15
307	4.3500	.96
358	4.2300	.72
656	3.8900	.15
Avg	3.8157	
164	3.6500	-.30
676	3.2350	-1.01
674	2.8750	-1.62
--	Method 009.04 --	
726	12.875	.71
--	Method 009.07 --	
307	11.800	1.37
656	11.685	1.12
226	11.600	.97
684	11.375	.76
297	11.410	.72
045	11.400	.69
353	11.240	.58
693	10.975	.19
Avg	10.934	
187	10.620	-.47
663	10.550	-.57
309	10.375	-.86
164	10.300	-.96
354	10.245	-1.00
038	9.5050	-2.07
098	8.7550 s	-3.38

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

AAFCO - Feed Check Sample No. - 200726 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 009.09	--
049	13.500 s	3.11
510	13.100	2.26
674	12.610	1.73
265	12.400	1.52
202	11.190	.29
357	11.050	.07
Avg	11.005	
529	10.785	-.24
686	10.705	-.37
160	10.645	-.39
414	11.000	-.44
294	10.585	-.46
185	10.985	-.49
646	10.380	-.69
037	10.320	-.78
278	10.250	-.83
581	10.075	-1.00
413	10.000	-1.13
--	Method 009.99	--
619	18.450 S	9.04
676	12.520	.95
Avg	11.970	
643	11.420	-.77
--	Method 010.03	--
618	8.6700	1.00
Avg	8.5650	
546	8.4600	-.71
--	Method 010.11	--
640	13.460 s	6.67
032	11.585	1.28
688	11.550	1.18
588	11.465	.99
631	11.360	.64
724	11.355	.62
628	11.241	.31
690	11.200	.17
--	Method 010.11	--
Avg	11.141	
178	11.050	-.30
567	10.850	-.94
599	10.750	-1.13
648	10.665	-1.37
713	10.625	-1.56
140	9.5200 s	-4.67
--	Method 010.99	--
141	13.100	2.34
714	12.082	1.17
673	11.450	.43
666	11.445	.43
684	11.400	.37
527	11.195	.15
Avg	11.078	
037	10.935	-.17
190	10.935	-.22
726	10.885	-.24
652	10.800	-.47
417	10.730	-.53
628	10.575	-.58
168	10.260	-.97
712	9.3050	-2.06
724	1.1150 s	-11.52
--	Method 011.01	--
159	12.835	2.33
670	12.795	2.23
242	12.755	2.12
205	12.470	1.37
160	12.445	1.30
138	12.425	1.25
414	12.420	1.23
185	12.365	1.08
226	12.350	1.05
668	12.344	1.04
110	12.325	.99
363	12.265	.83
--	Method 011.01	--
100	12.265	.82
164	12.255	.79
014	12.045 R	.79
051	12.240	.78
233	12.240	.76
646	12.215	.72
098	12.190	.71
559	12.205	.66
573	12.141	.57
653	12.080	.44
520	12.110	.41
511	12.045	.41
350	12.098	.38
541	12.080	.36
529	12.070	.32
643	12.000	.29
358	12.040	.27
574	12.055	.27
119	12.055	.26
548	12.025	.22
309	12.030	.21
171	12.000	.20
229	11.990	.18
194	11.985	.09
033	11.985	.08
701	11.970	.04
Avg	11.957	
121	11.943	-.04
152	11.950	-.13
622	11.904	-.14
650	11.895	-.24
298	11.860	-.26
539	11.845	-.30
354	11.820	-.36
144	11.825	-.40
407	11.800	-.42
620	11.810	-.48
658	11.746	-.57
034	11.740	-.58
--	Method 011.01	--
179	11.719	-.63
202	11.695	-.70
674	11.785 R	-.71
598	11.700	-.71
723	11.677	-.74
710	11.670	-.76
122	11.645	-.84
633	11.585	-.99
651	11.566	-1.08
682	11.490	-1.24
510	11.500	-1.24
552	11.485	-1.26
062	11.438	-1.38
621	11.405	-1.46
647	11.355	-1.62
596	11.300	-1.74
563	11.275	-1.81
660	11.235	-1.95
294	11.050	-2.41
623	10.989 R	-2.61
726	10.725 A	-3.27
108	10.130 s	-5.03
591	9.0950 s	-7.60
645	8.6500 s	-8.79
175	7.5000 s	-11.84
--	Method 011.99	--
148	12.165	.84
Avg	11.935	
265	11.705	-.89
--	Method 012.00	--
178	38.050	1.55
548	36.850	.71
559	36.500	.47
653	36.210	.28
Avg	35.799	
689	35.600	-.19
354	35.330	-.31
--	Method 012.00	--
567	34.950	-.59
672	34.900 R	-1.35
673	32.900	-1.95
--	Method 012.01	--
686	32.665	.82
Avg	32.530	
185	32.395	-.91
--	Method 012.02	--
159	33.450	-.71
--	Method 012.03	--
297	34.330	.75
Avg	34.128	
684	34.010	-.88
098	34.045	-1.08
--	Method 012.04	--
051	35.000	1.55
038	34.075 R	.95
160	33.555	.31
Avg	33.190	
278	33.000	-.16
510	32.800	-.37
353	31.595	-1.36
--	Method 012.11	--
588	37.255	1.07
567	36.700	.20
Avg	36.652	
178	36.000	-1.15
--	Method 012.99	--
619	47.100 S	.00

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

AAFCO - Feed Check Sample No. - 200726 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 013.02	--
171	7.5250	1.53
676	7.4450	1.36
003	7.4250	1.34
645	7.1500	.84
548	7.2350	.76
650	7.1550	.56
164	7.1150	.46
065	7.0665	.31
033	7.0000	.13
581	6.9900	.12
643	6.9700	.09
Avg	6.9509	
100	6.8200	-.35
354	6.8000	-.41
051	6.6100	-.95
671	6.5700	-1.02
616	6.6350	-1.04
026	6.4550	-1.33
229	6.1500	-2.12
130	6.1363 R	-2.60
414	5.2000 s	-4.65
--	Method 013.10	--
660	6.9850	1.51
185	6.9650	1.39
656	6.9150	1.27
673	6.7500	.92
672	6.7000	.76
096	6.5400	.70
353	6.4700	.31
160	6.5150	.28
539	6.4750	.17
714	6.4580	.13
Avg	6.4068	
666	6.3950	-.05
062	6.3785	-.10
688	6.3500	-.19
591	6.1500	-.63
663	6.0000	-1.03
--	Method 013.10	--
297	5.9550	-1.11
610	5.7000	-1.75
177	5.6200	-1.94
554	1.7950 s	-11.32
--	Method 013.99	--
628	7.5500	.87
Avg	6.6350	
679	5.7200	-.87
--	Method 015.00	--
154	193.00	1.20
520	192.50	1.15
045	191.00	1.09
164	178.50	.57
510	165.00	.08
Avg	164.95	
011	163.77	-.13
414	160.00	-.21
616	146.00	-.81
560	137.50	-1.15
353	122.20	-1.78
021	120.50 R	-1.91
--	Method 016.00	--
567	0.6500	.71
--	Method 016.02	--
154	0.2500	.71
--	Method 017.00	--
560	17.100	1.90
294	15.030	.83
414	14.000	.59
045	13.500	.26
Avg	13.401	
693	12.550	-.45
154	12.000	-.82
510	11.550	-.95
--	Method 017.00	--
353	11.475	-1.01
--	Method 017.99	--
307	13.800	.00
--	Method 018.02	--
011	0.0953	1.20
Avg	0.0951	
567	0.0950	-.73
154	0.0950	-.73
--	Method 019.00	--
599	0.9950 S	3.64
552	0.9850 S	3.49
647	0.8950	1.76
646	0.8850	1.57
623	0.8772	1.42
621	0.8200	.35
194	0.8050	.11
Avg	0.8016	
679	0.8000	-.03
043	0.8000	-.03
681	0.7900 R	-.29
689	0.7850	-.33
622	0.7583	-.82
651	0.7525	-.93
620	0.7511	-.95
633	0.7472	-1.03
175	0.7450	-1.07
--	Method 019.01	--
554	5.4700 s	102.81
596	1.9250 s	24.96
720	1.0000 s	4.64
130	0.9065 s	3.51
141	0.8660 R	2.44
656	0.8850	2.18
139	0.8660	1.70
674	0.8600	1.58
--	Method 019.01	--
354	0.8600	1.58
035	0.8600	1.56
169	0.8600	1.56
529	0.8450	1.24
709	0.8415	1.16
018	0.8365	1.10
142	0.8300	.93
609	0.8300	.93
504	0.8100 R	.92
034	0.8250	.80
122	0.8200	.68
152	0.8100	.64
619	0.8005	.48
001	0.8100	.47
612	0.8100	.46
563	0.8061	.41
588	0.8070	.40
710	0.8050	.37
278	0.7950	.36
004	0.7950	.36
676	0.7945	.28
026	0.7900	.22
205	0.7985	.21
669	0.7940	.19
591	0.7950	.17
233	0.7950	.17
036	0.7951	.14
129	0.7910	.10
263	0.7918	.06
Avg	0.7889	
650	0.7850	-.14
648	0.7800	-.20
065	0.7790	-.23
010	0.7850	-.34
019	0.7750	-.45
505	0.7700	-.47
178	0.7700	-.47
098	0.7650	-.54
508	0.7779	-.56
--	Method 019.01	--
653	0.7620	-.59
307	0.7750	-.63
670	0.7600	-.67
014	0.7520	-.82
658	0.7484	-.89
039	0.7477	-.91
631	0.7500	-.96
013	0.7500	-.96
038	0.7415	-1.05
350	0.7383	-1.11
363	0.7350	-1.19
548	0.7330	-1.24
108	0.7250	-1.51
620	0.7053	-1.84
511	0.6850	-2.35
687	0.6800	-2.40
--	Method 019.02	--
536	0.9300	.00
--	Method 019.03	--
048	1.1000 S	8.24
307	0.8950	1.79
Avg	0.8404	
686	0.8350	-.23
033	0.8390	-.26
043	0.8200	-.65
036	0.8132	-.87
--	Method 019.05	--
159	1.9100 s	30.80
003	0.9300 s	4.09
510	0.8800	2.64
682	0.8700	2.36
425	0.8500	1.82
242	0.8450	1.68
550	0.8220	1.20
413	0.8100	.91
029	0.8146	.85

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AAFCO - Feed Check Sample No. - 200726 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 019.05	--
297	0.7900 R	.84
049	0.7950 R	.75
187	0.8000	.45
100	0.8000	.45
144	0.7925	.36
185	0.7955	.33
298	0.7900	.32
164	0.7900	.18
407	0.7900	.18
083	0.7850	.14
512	0.7875	.13
148	0.7860	.07
Avg	0.7836	
051	0.7800	-.10
560	0.7765	-.26
171	0.7750	-.27
294	0.7800	-.29
074	0.7800	-.29
011	0.7715	-.39
414	0.7700	-.46
229	0.7700	-.46
598	0.7650	-.53
701	0.7620	-.59
168	0.7620	-.65
405	0.7600	-.70
553	0.7535	-.93
265	0.7500	-1.07
610	0.7440	-1.08
026	0.7405	-1.18
645	0.7396	-1.23
089	0.7350	-1.34
226	0.7350	-1.34
358	0.7350	-1.39
520	0.6750 A	-3.00
--	Method 019.08	--
689	1.2800 S	26.94
590	0.8450 R	3.59
723	0.8420	1.47

Lab	Average*	Index
--	Method 019.08	--
Avg	0.8168	
138	0.8120	-.33
673	0.8100	-.70
607	0.8032	-.86
--	Method 019.09	--
047	0.9825 s	4.17
190	0.8950	2.21
110	0.8700	1.58
035	0.8650	1.46
160	0.8503	1.12
202	0.8450	1.01
028	0.8350	.84
366	0.8250	.56
096	0.8050	.35
357	0.8100	.31
Avg	0.8010	
726	0.7950	-.18
027	0.7950	-.18
199	0.7925	-.19
309	0.7900	-.25
353	0.7900	-.34
045	0.7950	-.37
021	0.7965	-.45
017	0.7800	-.48
037	0.7800	-.53
567	0.7700	-.74
572	0.7675	-.81
616	0.7605	-.93
693	0.7555	-1.04
106	0.7535	-1.08
154	0.7021	-2.25
668	0.6685 s	-3.20
--	Method 019.99	--
629	19.950 s	248.93
724	0.9800	1.39
665	0.9350 S	1.17
588	0.8790	.31

Lab	Average*	Index
--	Method 019.99	--
Avg	0.8733	
692	0.8450	-.37
121	0.7890	-1.15
--	Method 020.00	--
164	2.5000	.00
--	Method 020.01	--
096	4.0000 s	4.46
045	3.4000 R	3.12
154	3.0000	1.57
021	2.4000	1.40
Avg	2.0145	
171	2.0000	-.16
567	1.9000	-.19
011	1.9465	-.49
668	1.5200	-.78
560	1.3350	-1.08
--	Method 020.99	--
553	4.4100	.82
Avg	3.4750	
616	2.5400	-.91
--	Method 021.01	--
619	1.2650 S	.00
689	0.6000	.00
Avg	0.6000	
--	Method 021.02	--
154	0.5200	1.20
567	0.4400	.68
572	0.4130	.49
171	0.3500	.34
169	0.3800	.30
Avg	0.3391	
628	0.3150	-.16
560	0.2945	-.30
011	0.1948 R	-1.36

Lab	Average*	Index
--	Method 021.02	--
616	0.0000	-2.24
--	Method 021.99	--
017	1.5000 S	.00
610	0.3690	.00
Avg	0.3690	
--	Method 022.01	--
619	146.50 R	2.39
596	142.50	1.81
504	139.50	1.51
529	138.65	1.22
004	136.50	.96
505	136.00	.88
038	136.00	.88
175	134.00	.67
709	132.14	.66
646	133.50	.58
669	133.33	.55
720	133.23	.52
648	133.00	.50
656	132.19	.39
674	131.00	.26
278	130.80	.20
591	129.79	.07
Avg	129.24	
511	128.00	-.21
098	128.50	-.22
590	126.95	-.30
588	126.50	-.40
620	125.88	-.50
548	125.13	-.53
350	124.15	-.66
689	127.00	-.71
307	128.00 R	-.92
354	121.65	-.99
653	121.15	-1.06
629	118.00	-1.46
035	112.00	-2.24

Lab	Average*	Index
--	Method 022.01	--
710	111.00	-2.37
014	102.50 s	-3.49
--	Method 022.02	--
178	129.50	.71
--	Method 022.03	--
159	245.50 s	14.82
297	153.00 s	3.28
185	145.50	2.07
560	139.50	1.42
512	138.95	1.24
229	139.00	1.24
049	134.11 R	.96
265	136.50	.93
011	136.28	.92
413	136.00	.86
407	136.00	.85
003	135.00	.82
074	135.50	.79
029	135.30	.77
510	133.00	.53
164	132.25	.37
414	131.50	.28
Avg	129.33	
171	128.00	-.21
100	127.50	-.24
187	127.40	-.25
553	129.00	-.26
148	126.50	-.37
083	125.50	-.49
598	125.50	-.52
405	125.50	-.52
144	125.25	-.58
610	124.25	-.65
026	124.00	-.68
226	123.00	-.85
701	121.50	-1.02
520	120.50	-1.26

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AAFCO - Feed Check Sample No. - 200726 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 022.03	--
358	115.76	-1.73
242	115.50	-1.77
550	114.32	-1.92
--	Method 022.05	--
190	152.43	2.13
160	146.00	1.38
096	145.00	1.37
668	145.00	1.25
357	141.50	.80
199	141.35	.79
567	140.02	.62
017	138.50	.53
037	135.60	.39
202	137.50	.32
106	135.50	.20
021	135.00	.12
Avg	134.93	
035	134.00	-.11
572	133.50	-.18
353	132.25	-.33
366	133.50	-.35
294	130.15	-.60
045	129.50	-.66
169	129.50	-.69
616	129.50	-.73
693	131.50 R	-.79
154	128.00	-.84
726	124.98	-1.34
309	122.00	-1.58
628	118.00	-2.07
--	Method 022.99	--
607	139.18	1.30
Avg	128.74	
121	125.04	-.46
692	122.00	-.78

Lab	Average*	Index
--	Method 023.01	--
619	0.0030	.00
--	Method 025.01	--
720	372.50	2.10
504	361.00 R	1.95
669	341.88	1.34
619	338.00	1.30
591	331.96	1.08
505	325.00	.93
709	323.46	.88
350	316.05	.70
098	316.50	.69
548	316.10	.69
648	309.50	.52
588	306.00	.44
014	291.00	.33
004	300.00	.30
307	296.00	.25
689	293.00	.25
278	291.00	.21
038	292.50	.19
529	290.30	.07
Avg	288.93	
629	287.50	-.10
563	283.15	-.15
354	276.35	-.33
175	271.00	-.53
035	266.50	-.57
710	263.50	-.64
646	258.00	-.78
511	238.00	-1.30
670	237.13	-1.31
656	220.11	-1.73
596	213.00	-1.91
674	203.00	-2.16

Lab	Average*	Index
--	Method 025.03	--
159	651.00 s	13.71
029	334.50	1.63
164	324.50	1.23
510	321.50	1.14
265	319.50	1.04
553	317.00	.95
512	314.20	.85
701	312.00	.75
229	310.00	.68
413	308.50	.64
297	308.50	.63
003	294.00 R	.62
407	306.00	.53
100	304.50	.48
049	303.53	.43
074	301.50	.38
083	300.00	.32
148	300.00	.30
550	296.34	.18
520	294.00	.17
Avg	292.26	
026	289.50	-.14
144	286.10	-.24
414	286.50	-.49
187	272.87	-.74
171	271.50	-.82
011	269.97	-.86
610	269.75	-.86
226	261.50	-1.18
242	261.50	-1.24
560	250.50	-1.60
405	249.00	-1.70
598	223.00	-2.65
--	Method 025.05	--
021	353.00	1.82
096	350.00 R	1.80
017	332.00 R	1.32
154	335.50	1.07

Lab	Average*	Index
--	Method 025.05	--
169	331.00	1.07
366	332.50	.91
199	330.70	.85
045	327.00	.75
693	322.50	.69
160	319.85	.50
616	307.50	.20
572	311.00	.20
037	305.35	.13
Avg	305.24	
106	297.00	-.31
726	295.73	-.32
294	286.88	-.62
628	285.50	-.66
035	285.00	-.68
353	270.40	-1.16
190	250.08	-1.84
309	253.10	-1.93
668	206.00 s	-3.35
567	183.00 s	-6.31
--	Method 025.99	--
121	345.51	1.35
Avg	318.25	
607	305.25	-.55
692	304.00	-.61
--	Method 026.00	--
567	0.2450	1.12
Avg	0.2275	
154	0.2100	-.50
--	Method 026.99	--
619	0.0000	.00
--	Method 027.00	--
350	0.1964	.71

Lab	Average*	Index
--	Method 027.01	--
130	0.2688 s	6.61
263	0.2207	1.87
648	0.2170	1.60
720	0.2150	1.50
590	0.2125	1.28
669	0.2115	1.22
004	0.2100	1.09
609	0.2050	.81
038	0.2035	.62
619	0.1995	.52
014	0.1980	.49
013	0.1980	.42
656	0.2000	.36
278	0.2000	.36
307	0.2000	.36
563	0.1979	.23
650	0.1955	.16
504	0.1970	.16
139	0.1971	.15
129	0.1962	.14
065	0.1965	.11
Avg	0.1951	
098	0.1950	-.37
001	0.1950	-.37
142	0.1900	-.37
529	0.1900	-.37
505	0.1930	-.40
588	0.1870	-.59
035	0.1850	-.82
591	0.1850	-.82
548	0.1815	-1.00
511	0.1800	-1.10
175	0.1750	-1.51
169	0.1700	-1.83
646	0.1700	-1.83
710	0.1650	-2.23
596	0.1400 s	-4.09
141	0.0000 s	-14.27

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AAFCO - Feed Check Sample No. - 200726 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 027.03 --	
159	0.4780 s	30.67
003	0.2650 s	7.42
405	0.2150	2.01
510	0.2150	2.01
425	0.2100	1.39
049	0.2100	1.39
100	0.2050	1.00
413	0.2050	1.00
185	0.2051	.85
407	0.2030	.62
011	0.2028	.61
164	0.2005	.36
074	0.2000	.30
187	0.2000	.30
229	0.2000	.30
265	0.2000	.30
297	0.2000	.30
Avg	0.1973	
610	0.1955	-.20
560	0.1955	-.25
171	0.1945	-.31
029	0.1946	-.31
026	0.1937	-.41
148	0.1935	-.42
701	0.1930	-.48
553	0.1935	-.50
598	0.1950	-.60
226	0.1950	-.60
144	0.1950 R	-.70
414	0.1900	-.80
083	0.1900	-.80
294	0.1900	-.80
550	0.1880	-1.02
520	0.1900 R	-1.35
358	0.1800	-1.89
242	0.1800	-1.89
051	0.1800	-1.89

Lab	Average*	Index
--	Method 027.05 --	
190	0.2100	1.77
693	0.2070	1.19
357	0.2050	1.10
110	0.2050	1.10
037	0.2000	1.10
572	0.2055	1.04
616	0.2015	.64
160	0.2013	.63
199	0.2010	.60
567	0.1950	.49
017	0.1950	.49
726	0.1950	.49
021	0.1975	.42
106	0.1990	.40
309	0.1950	.20
154	0.1958	.08
Avg	0.1950	
202	0.1900	-.49
035	0.1850	-1.10
366	0.1850	-1.10
096	0.1850	-1.10
353	0.1850	-1.10
668	0.1855	-1.13
045	0.1800	-1.47
628	0.1759	-1.88
--	Method 027.99 --	
508	0.2014	.98
121	0.1945	.26
Avg	0.1920	
692	0.1800	-1.22
--	Method 028.01 --	
669	113.04	1.34
648	113.00	1.28
720	112.39	1.22
619	106.50 R	1.20
529	110.80	.91
646	110.00	.91

Lab	Average*	Index
--	Method 028.01 --	
591	110.88	.90
620	110.75	.86
563	110.67	.85
004	110.00	.72
307	108.50	.64
505	108.00	.51
178	107.00	.25
038	107.00	.25
Avg	106.09	
511	105.00	-.27
098	105.50	-.30
656	105.25	-.37
689	104.00	-.39
590	105.23	-.40
588	103.50	-.49
278	102.00	-.94
014	101.00	-.94
350	100.35	-1.06
710	99.000	-1.32
035	95.000	-2.05
548	94.500	-2.15
504	93.500 S	-3.03
354	87.630 A	-3.43
674	83.000 S	-4.27
175	81.000 S	-4.64
596	80.000 S	-4.83
--	Method 028.03 --	
159	237.50 s	16.85
003	126.00	2.57
510	123.00	2.18
074	115.00	1.21
029	114.15	1.08
049	112.87	.88
413	110.50	.81
297	111.50	.77
100	111.50	.71
164	109.00	.38
265	108.50	.37

Lab	Average*	Index
--	Method 028.03 --	
171	108.00	.28
Avg	106.02	
242	105.00	-.13
187	104.65	-.18
185	105.00	-.18
083	105.00	-.18
229	105.50	-.20
553	105.50	-.33
560	105.00	-.41
148	102.50	-.46
550	103.66	-.46
414	104.00	-.46
011	101.17	-.62
407	101.00	-.64
405	101.00	-.75
520	101.50	-.82
610	99.350	-.86
026	98.700	-.95
144	96.600	-1.22
598	96.500	-1.26
226	89.000	-2.19
--	Method 028.05 --	
628	137.00 s	5.30
357	118.00	1.68
160	116.05	1.33
154	115.50	1.19
045	112.50	.75
726	113.01	.68
021	112.00	.61
106	112.00	.48
202	111.50	.39
572	110.50	.21
096	110.00	.09
Avg	109.52	
366	109.50	-.29
017	109.50	-.48
294	107.69	-.49
693	106.00	-.71

Lab	Average*	Index
--	Method 028.05 --	
353	108.75	-.91
309	104.45	-1.18
567	103.50	-1.20
037	107.50	-1.35
169	101.50	-1.55
616	101.00	-1.65
668	97.200 R	-2.71
--	Method 028.99 --	
121	115.85	1.40
607	108.76	.27
Avg	108.70	
692	101.50	-.68
--	Method 030.00 --	
307	51.000	.71
--	Method 031.00 --	
620	0.8154	.71
--	Method 031.01 --	
650	0.8400	2.17
035	0.8350	2.01
723	0.8195	1.46
669	0.8105	1.39
710	0.8150	1.31
142	0.8150	1.31
098	0.8050 R	1.29
001	0.8100	1.13
619	0.8015	1.10
665	0.8050	1.09
629	0.8000	1.04
108	0.8000	1.04
709	0.8060	.99
674	0.8050	.97
010	0.8000	.85
626	0.8000	.85
647	0.7950	.63
354	0.7950	.63

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

AAFCO - Feed Check Sample No. - 200726 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 031.01 --		--	Method 031.01 --		--	Method 031.05 --		--	Method 031.05 --		--	Method 032.01 --	
363	0.7900	.55	194	0.7350	-1.50	029	0.8157	1.09	017	0.7600	-.64	656	1.0800 s	4.78
656	0.7900	.55	689	0.7200	-2.02	037	0.8150	1.08	185	0.7550	-.73	278	0.9800	1.26
233	0.7900	.43	623	0.7234 R	-2.13	096	0.8100	.97	226	0.7550	-.73	175	0.9800	1.26
599	0.7900	.43	548	0.7155	-2.24	049	0.8100	.97	100	0.7550	-.73	205	0.9810	1.25
018	0.7890	.39	687	0.7100	-2.39	297	0.7900 R	.95	682	0.7500	-.87	720	0.9750	1.05
036	0.7883	.37	130	0.7460 s	-2.97	021	0.8060	.95	187	0.7500	-.87	350	0.9740	1.01
646	0.7800	.36				701	0.8100	.93	199	0.7455	-1.01	505	0.9650	.86
278	0.7850	.31	--	Method 031.02 --		413	0.7950	.65	353	0.7450	-1.03	307	0.9600	.52
679	0.7800	.08	004	0.8050	1.25	407	0.8000	.62	726	0.7500	-1.05	035	0.9550	.39
019	0.7800	.08	505	0.7900	.56	164	0.7980	.56	089	0.7400	-1.16	529	0.9500	.17
263	0.7793	.06	043	0.7950	.50	628	0.7950	.50	294	0.7400	-1.16	609	0.9450	.17
Avg	0.7778		Avg	0.7873		512	0.7949	.47	520	0.7500 R	-1.24	650	0.9450	.17
563	0.7761	-.12	011	0.7859	-.12	357	0.7900	.44	154	0.7429	-1.24	619	0.9465	.13
607	0.7776	-.15	014	0.7605	-1.53	645	0.7792	.43	035	0.7350	-1.32	Avg	0.9450	
034	0.7750	-.20				083	0.7900	.33	242	0.7250	-1.62	130	0.9410	-.40
026	0.7750	-.20	--	Method 031.03 --		298	0.7800	.30	358	0.7050	-2.25	139	0.9275	-.61
529	0.7750	-.20	720	0.8300	1.55	051	0.7850	.23	309	0.7020	-2.32	098	0.9400	-.71
670	0.7750	-.20	033	0.8105	.79	106	0.7795	.16				354	0.9250	-.86
152	0.7750	-.20	504	0.7990	.43	550	0.7835	.13	--	Method 031.06 --		670	0.9150	-1.05
139	0.7710	-.25	043	0.8000	.38	144	0.7805	.09	138	0.8050	.98	710	0.9150	-1.05
588	0.7695	-.29	307	0.7950	.27	Avg	0.7791		141	0.7870	.25	591	0.9250 R	-1.10
350	0.7776	-.29	Avg	0.7898		616	0.7760	-.09	Avg	0.7807		038	0.8955	-1.71
038	0.7740	-.34	036	0.7736	-.60	598	0.7750	-.19	686	0.7500	-1.21	563	0.8838	-2.11
065	0.7680	-.44	047	0.7600	-1.17	027	0.7750	-.19	536	0.7400 R	-2.00	548	0.8065 A	-4.79
621	0.7650	-.48	048	0.7500	-1.53	148	0.7730	-.23				142	0.7500 s	-6.73
648	0.7750	-.53				229	0.7700	-.27	--	Method 031.99 --		141	0.0000 s	-32.63
651	0.7670	-.54	--	Method 031.05 --		560	0.7770	-.36	552	0.8800	1.34			
205	0.7620	-.55	159	1.8250 s	31.16	366	0.7700	-.40	631	0.8600	.97	--	Method 032.02 --	
122	0.7600	-.62	003	0.8450 R	2.22	171	0.7700	-.40	676	0.8440	.67	590	0.9770	.70
658	0.7579	-.69	190	0.8500	2.20	405	0.7650	-.45	628	0.8400	.62	588	0.9690	.56
511	0.7600	-.93	110	0.8450	1.97	168	0.7645	-.48	590	0.8100	.06	504	0.9685	.55
178	0.7500	-.97	510	0.8450	1.97	572	0.7655	-.49	Avg	0.8067		129	0.9490	.23
609	0.7500	-1.03	425	0.8300	1.52	553	0.7620	-.52	724	0.8000	-.12	665	0.9450	.14
633	0.7481	-1.04	202	0.8300	1.52	567	0.7600	-.57	692	0.7700	-.66	Avg	0.9398	
039	0.7459	-1.12	693	0.8205	1.32	414	0.7600	-.57	673	0.7550	-.93	169	0.8300	-2.08
175	0.7450	-1.16	028	0.8200	1.25	121	0.7665	-.59	588	0.7015	-1.90	108	0.8250 R	-2.22
653	0.7480	-1.16	074	0.8200	1.22	668	0.7640	-.63						
596	0.7500	-1.19	160	0.8189	1.19	045	0.7600	-.64						
622	0.7412	-1.28	610	0.8165	1.12	265	0.7600	-.64						

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AAFCO - Feed Check Sample No. - 200726 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 032.05 --		--	Method 032.05 --		--	Method 033.00 --		--	Method 033.01 --		--	Method 034.01 --	
159	2.2950 s	25.21	083	0.9450	-.31	596	0.5000	-.85	194	0.5450	-.59	560	2.4650 S	10.96
160	1.0612 R	2.18	100	0.9300	-.45	160	0.4850	-1.25	038	0.5450	-.59	169	0.7950	1.21
572	1.0600	2.03	045	0.9300	-.45	353	0.4800	-1.37	650	0.5450	-.59	Avg	0.5877	
616	1.0400	1.66	693	0.9215	-.58	628	0.4800	-1.39	011	0.5436	-.62	668	0.5335	-.48
405	1.0350	1.63	026	0.9190	-.63	539	0.3950 S	-3.69	413	0.5400	-.76	038	0.4345	-.90
110	1.0350	1.56	035	0.9100	-.79	653	0.3700 S	-4.22	164	0.5400	-.76			
049	1.0150	1.21	520	0.9150	-.84	679	0.3500 S	-4.74	178	0.5400	-.86	--	Method 034.04 --	
037	1.0050	1.03	003	0.9050	-.89				029	0.5350	-.99	572	0.5200	1.65
106	0.9960	.83	029	0.8945	-1.08	--	Method 033.01 --		709	0.5340	-1.01	619	0.4780	.79
425	0.9950	.81	668	0.8865	-1.31	710	0.7000 s	5.82	354	0.5300	-1.17	026	0.4550	.33
567	0.9900	.81	645	0.8768	-1.42	001	0.6235	2.67	140	0.5000	-2.40	Avg	0.4394	
148	0.9945	.80	265	0.8750	-1.47	019	0.6050 R	2.17				610	0.4325	-.14
413	0.9900	.71	358	0.8750	-1.52	226	0.6100	2.11	--	Method 033.03 --		164	0.4250	-.31
096	0.9900	.71	550	0.8650	-1.68	202	0.6100	2.11	726	0.6000	1.41	169	0.4000	-.80
510	0.9900	.71	187	0.8500	-1.92	096	0.5800 R	1.21	190	0.5800	1.05	190	0.3650	-1.51
154	0.9891	.70	353	0.8350	-2.20	098	0.5750 R	.92	598	0.5700	.72			
297	0.9750	.64	242	0.8150	-2.57	307	0.5750 R	.92	144	0.5400	.46	--	Method 034.05 --	
726	0.9850	.63	051	0.7050 s	-4.64	035	0.5750 R	.92	Avg	0.5381		047	0.7278	1.58
560	0.9825	.57				510	0.5800	.88	048	0.5200	-.47	154	0.5250	.41
144	0.9745	.51	--	Method 032.99 --		278	0.5800	.88	505	0.5250	-.64	Avg	0.4526	
021	0.9760	.46	554	1.4350 S	.00	039	0.5783	.81	529	0.4950	-.99	309	0.4350	-.10
202	0.9750	.44	692	0.9200	.00	610	0.5760	.72	122	0.4750	-1.44	297	0.3250	-.71
226	0.9700	.39	Avg	0.9200		175	0.5750	.71	265	0.2800 s	-5.87	414	0.2500	-1.15
366	0.9700	.34				590	0.5700	.47						
199	0.9695	.33	--	Method 033.00 --		100	0.5600	.42	--	Method 033.05 --		--	Method 035.00 --	
407	0.9690	.32	618	1.8650 s	34.65	229	0.5650	.34	171	0.5500	.71	596	0.2550 s	4.18
357	0.9650	.26	169	0.8000 s	6.93	425	0.5650	.34				609	0.2550 s	4.18
229	0.9650	.26	588	0.6100	2.00	686	0.5650	.34	--	Method 033.99 --		142	0.2500 s	3.90
171	0.9620	.20	674	0.5800	1.25	026	0.5650	.34	630	0.7000 S	1.84	648	0.2200	1.96
011	0.9585	.17	689	0.5650	.92	242	0.5600	.06	552	0.6480	1.16	720	0.2150	1.65
610	0.9565	.08	366	0.5600	.75	Avg	0.5585		233	0.5650	.09	130	0.2138	1.55
Avg	0.9521		567	0.5500	.68	205	0.5570	-.07	Avg	0.5399		505	0.2050	1.37
414	0.9500	-.04	298	0.5500	.52	633	0.5543	-.17	051	0.5550	-.34	548	0.1979	1.07
294	0.9500	-.04	045	0.5450	.34	559	0.5500	-.35	673	0.5250	-.46	098	0.2000	.92
185	0.9435	-.17	Avg	0.5328		199	0.5500	-.35	723	0.5065	-.71	529	0.2040	.91
628	0.9500	-.19	407	0.5300	-.07	004	0.5500	-.35	003	0.4900	-.96	263	0.1998	.65
309	0.9500	-.19	511	0.5300	-.07	629	0.5500	-.35	681	0.4900	-1.00	354	0.1950	.46
017	0.9500	-.19	693	0.5180	-.44	106	0.5495	-.37	536	0.3100 S	-3.29	205	0.1910	.45
164	0.9390	-.25	309	0.5095	-.61	185	0.5475	-.46	619	0.2845 S	-3.63	035	0.1900	.02

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AAFCO - Feed Check Sample No. - 200726 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 035.00	--
Avg	0.1897	
139	0.1880	-.11
065	0.1875	-.14
038	0.1885	-.24
152	0.1860	-.25
233	0.1850	-.44
175	0.1850	-.44
307	0.1850	-.44
591	0.1800	-.62
278	0.1800	-.62
619	0.1860	-.62
650	0.1750	-.99
670	0.1750	-.99
656	0.1700	-1.41
363	0.1650	-1.61
122	0.1650	-1.61
--	Method 035.01	--
563	0.2244	1.67
Avg	0.2085	
138	0.2080	-.32
001	0.2060	-.49
647	0.2050	-.63
686	0.1990	-.98
--	Method 035.03	--
159	0.4245 s	16.44
051	0.3100 s	8.61
187	0.2400 s	3.82
297	0.2150	2.13
425	0.2100	1.76
190	0.2050	1.46
598	0.2050	1.46
164	0.2025	1.25
550	0.2005	1.13
202	0.2000	1.08
353	0.1975	.92
413	0.1950	.81
100	0.1950	.81
--	Method 035.03	--
229	0.1950	.81
405	0.1950	.81
726	0.1950	.81
144	0.1920	.53
510	0.1915	.50
011	0.1896	.41
083	0.1900	.39
682	0.1900	.39
017	0.1900	.39
572	0.1890	.35
628	0.1850	.35
096	0.1850	.35
049	0.1850	.35
029	0.1892	.34
616	0.1870	.19
407	0.1870	.19
610	0.1855	.09
199	0.1845	.04
Avg	0.1843	
148	0.1825	-.12
171	0.1825	-.16
110	0.1800	-.29
366	0.1800	-.29
021	0.1810	-.30
154	0.1797	-.37
553	0.1795	-.40
645	0.1784	-.40
701	0.1765	-.54
045	0.1740	-.71
414	0.1750	-.72
226	0.1750	-.72
242	0.1750	-.72
693	0.1740	-.73
298	0.1800 R	-.74
567	0.1700	-.98
089	0.1700	-.98
668	0.1690	-1.15
265	0.1700 R	-1.19
520	0.1750 R	-1.21
--	Method 035.03	--
185	0.1628	-1.47
560	0.1630	-1.49
358	0.1600	-1.66
121	0.1540	-2.10
035	0.1400	-3.03
037	0.1350 s	-3.52
--	Method 035.05	--
665	0.2450 s	6.56
108	0.1950 R	1.89
588	0.2040	1.79
590	0.1980	1.09
294	0.1900	.16
160	0.1893	.10
Avg	0.1886	
129	0.1835	-.59
169	0.1850	-.71
629	0.1800	-.99
504	0.1790	-1.11
--	Method 035.99	--
724	0.2000	1.22
Avg	0.1873	
588	0.1820	-.71
692	0.1800	-.71
--	Method 036.00	--
307	0.2400	.86
297	0.2300	.45
Avg	0.2167	
175	0.1800	-1.25
--	Method 036.03	--
169	0.2600	1.66
708	0.2440	.91
171	0.2410	.79
560	0.2400	.74
160	0.2401	.72
106	0.2350	.54
--	Method 036.03	--
202	0.2350	.54
366	0.2300	.25
294	0.2300	.25
357	0.2300	.25
021	0.2298	.24
Avg	0.2248	
187	0.2219	-.14
045	0.2200	-.23
693	0.2215	-.26
353	0.2100	-.70
616	0.1985	-1.24
265	0.1850	-1.89
309	0.1745	-2.38
550	0.0770 s	-6.98
--	Method 036.04	--
610	0.2565	.97
414	0.2500	.81
Avg	0.2379	
510	0.2200	-.93
226	0.2250	-1.02
--	Method 037.00	--
229	389.00	.71
--	Method 037.01	--
620	439.69 s	3.59
504	402.00	1.89
505	396.50	1.57
612	390.50	1.31
669	387.61	1.25
596	385.50	1.06
591	382.91	.94
590	381.54	.88
354	367.65 R	.77
039	375.12	.58
563	371.80	.43
648	371.50	.41
175	367.00	.31
--	Method 037.01	--
013	364.00	.29
656	365.83	.23
307	367.50	.22
629	365.50	.21
278	367.10	.20
019	363.20	.16
720	364.20	.07
Avg	362.76	
529	361.25	-.09
098	360.00	-.16
689	357.50	-.27
038	359.00	-.29
035	353.00	-.46
178	351.50	-.53
350	351.20	-.54
004	346.00	-.78
511	346.00	-.79
014	359.00 R	-1.04
619	348.00 R	-1.05
674	347.00 R	-1.19
548	335.39	-1.29
588	332.00	-1.43
710	314.00	-2.27
653	309.35	-2.49
--	Method 037.03	--
159	921.00 s	31.33
510	460.00 s	5.49
297	387.00 R	1.69
265	388.00	1.47
049	385.30	1.32
003	380.50	1.16
413	378.00	1.12
100	379.50	1.02
029	379.95	1.01
083	378.50	.92
598	370.50	.60
171	370.50	.51
414	369.00	.45

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 037.03	--
011	369.67	.43
026	365.50	.41
074	369.00	.40
407	369.00	.39
187	365.54	.21
701	364.00	.16
164	364.50	.14
185	363.00	.05
Avg	362.07	
226	356.00	-.44
560	352.50	-.54
148	351.50	-.60
168	356.50	-.77
610	345.50	-.93
144	343.25	-1.06
553	337.00	-1.41
242	334.00	-1.57
550	333.04	-1.65
358	318.81	-2.43
520	317.00 s	-3.10
405	288.00 s	-4.17
--	Method 037.05	--
190	424.93	2.02
017	414.00	1.62
169	397.50	1.07
154	396.00	.92
357	395.00	.88
027	382.03	.77
037	372.00	.53
096	385.00	.53
202	382.50	.44
160	381.45	.39
572	377.00	.36
021	375.50	.22
106	372.00	.15
Avg	371.99	
199	371.05	-.05
567	366.50	-.21

Lab	Average*	Index
--	Method 037.05	--
616	366.00	-.23
628	359.50	-.48
366	358.50	-.53
726	356.25	-.61
693	361.00	-.65
045	356.00	-.72
309	338.70	-1.30
668	333.00	-1.58
353	306.25	-2.51
047	207.32 s	-6.27
028	198.00 s	-6.62
--	Method 037.99	--
607	383.08	1.06
121	355.77	.25
Avg	353.28	
692	321.00	-1.15
--	Method 038.00	--
159	11.000 s	33.92
414	2.6500 R	4.01
011	2.0918	1.29
169	2.2200	.82
154	2.2000	.80
045	2.1000	.33
510	2.0500	.24
Avg	2.0117	
560	1.8700	-.54
021	1.5500	-1.75
--	Method 038.99	--
164	2.2500	.71
--	Method 039.01	--
164	1.7000	.00

Lab	Average*	Index
--	Method 039.02	--
021	2.4500	1.18
154	2.4000	1.08
560	2.1250	.50
Avg	1.9422	
668	1.8400	-.24
045	1.8000	-.33
011	1.6703	-.75
567	1.3100	-1.72
--	Method 040.00	--
560	4.2250	.71
--	Method 041.00	--
011	1.2745	.74
021	1.2500	.72
Avg	1.2082	
154	1.1000	-1.20
--	Method 050.01	--
028	0.0065	2.19
227	0.0058 R	1.30
610	0.0058	.86
036	0.0054	.28
047	0.0054	.22
038	0.0054	.05
Avg	0.0053	
033	0.0051	-.49
001	0.0050	-.72
003	0.0050	-.75
027	0.0047	-1.22
--	Method 102.01	--
227	56.950	-.71
--	Method 105.00	--
160	2.7650	.71

Lab	Average*	Index
--	Method 106.02	--
567	4862.6 s	3181.56
242	31.255 s	17.65
670	7.8350	2.31
616	7.0350	1.79
038	4.6650 R	.49
227	4.8300	.37
610	4.5500	.19
619	4.3350	.17
676	4.4300	.08
Avg	4.3077	
563	4.2100	-.07
169	3.5650	-.51
004	3.1650	-.75
160	3.1200	-.78
199	3.1150	-.78
096	2.9400	-.91
560	2.8700	-.94
--	Method 106.99	--
294	338.24 S	.00
--	Method 107.00	--
227	15.050	.71
--	Method 108.02	--
169	5.8250	.87
Avg	3.4425	
676	1.0600	-.87
--	Method 109.02	--
199	133.00	1.08
610	130.50	1.02
619	126.00	.73
096	120.50 R	.73
676	117.81	.32
Avg	111.29	
560	96.800	-.72
567	95.225	-.81
563	79.668	-1.57

Lab	Average*	Index
--	Method 112.00	--
227	8.2150	.71
--	Method 113.01	--
227	1.7600	.71
--	Method 114.01	--
227	0.3055	.71
--	Method 120.00	--
160	1.2286 s	6.08
619	1.1100	1.44
350	1.1025	1.16
504	1.0850	.51
571	1.0800	.27
227	1.0800	.27
Avg	1.0730	
662	1.0623	-.42
676	1.0640	-.50
652	1.0600 R	-.93
684	1.0430	-1.21
038	1.0305	-1.67
--	Method 120.05	--
626	1.0900	.71
--	Method 121.00	--
038	1.5050 s	2.59
160	1.5251	1.57
619	1.4900	.93
676	1.4560	.63
662	1.4635	.45
227	1.4550	.40
Avg	1.4389	
571	1.4350	-.12
504	1.4250	-.52
652	1.4100	-.53
350	1.4035	-.65
684	1.3260	-2.10

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 121.05	--
626	1.4950	-.71
--	Method 122.00	--
619	2.2800 s	5.44
652	2.1200	1.71
227	2.0750	.73
676	2.0570	.60
662	2.0711	.56
571	2.0500	.24
160	2.0567	.22
Avg	2.0474	
504	2.0400	-.50
350	2.0100	-.88
684	2.0115	-1.00
038	1.9825	-1.80
--	Method 122.05	--
626	1.9600 S	.00
--	Method 124.00	--
160	0.3793	1.50
038	0.3600 R	1.43
662	0.3499	.73
652	0.3400	.48
350	0.3355	.36
Avg	0.3213	
571	0.3150	-.16
504	0.3100	-.38
619	0.2950	-.67
676	0.2455	-1.93
--	Method 124.02	--
227	0.3050	.71
--	Method 124.05	--
610	0.3500	.71
--	Method 125.00	--
662	3.9393	1.51
619	3.9200	1.35
652	3.8300	.66
350	3.8015	.43
227	3.7650	.23
160	3.7668	.14
Avg	3.7492	
571	3.7300	-.15
504	3.7100	-.50
676	3.6500	-.81
038	3.5820	-1.37
684	3.5470	-1.70
--	Method 125.05	--
626	3.6650	.71
--	Method 126.00	--
160	1.1434	1.64
619	1.1250	1.16
504	1.0850	.41
662	1.0953	.38
227	1.0850	.17
571	1.0850	.17
350	1.0815	.04
Avg	1.0809	
652	1.0600	-.61
038	1.0270	-1.43
676	1.0215	-1.64
684	1.0180 R	-2.03
--	Method 126.05	--
626	1.1300	.00
--	Method 127.00	--
504	0.5800	1.50
684	0.5555	.89
676	0.5675	.88
619	0.5665	.67
652	0.5650	.64
--	Method 127.00	--
160	0.5591	.41
571	0.5535	.22
Avg	0.5508	
662	0.5487	-.11
227	0.5350	-.70
350	0.5210	-1.29
038	0.5070	-1.86
--	Method 127.05	--
626	0.5950	.71
--	Method 128.00	--
504	0.8900	1.73
662	0.8795	1.37
619	0.8425	.10
227	0.8400	.01
Avg	0.8396	
652	0.8350	-.23
571	0.8375	-.36
350	0.8220	-.68
160	0.8044	-1.19
676	0.8055	-1.24
684	0.7400 s	-3.61
038	0.7450 s	-3.63
--	Method 128.05	--
626	0.9000	.71
--	Method 129.00	--
619	1.7750	1.73
504	1.7200	.71
662	1.7108	.52
350	1.6940	.41
652	1.7000	.35
227	1.7000	.35
571	1.6950	.23
Avg	1.6843	
160	1.6287	-1.06
676	1.6140	-1.34
--	Method 129.00	--
038	1.6050	-1.54
684	1.5395 R	-2.85
--	Method 129.05	--
626	1.7450	-.71
--	Method 130.00	--
160	1.4379	1.78
504	1.3900	1.00
619	1.3800	.82
571	1.3500	.47
676	1.3345	.22
350	1.3425	.21
Avg	1.3299	
227	1.3250	-.12
662	1.3227	-.12
674	1.3200	-.37
652	1.2900	-.68
038	1.2655	-1.11
684	1.2010	-2.12
--	Method 130.01	--
035	1.3600	.71
--	Method 130.05	--
029	1.5700 S	1.52
010	1.4400	.72
Avg	1.3538	
610	1.3250	-.63
626	1.3550	-.68
723	1.2950	-.90
--	Method 131.00	--
171	0.4525	1.88
160	0.4206	.51
662	0.4159	.35
504	0.4200	.32
571	0.4145	.32
652	0.4150	.25
--	Method 131.00	--
350	0.4155	.11
Avg	0.4133	
676	0.3840	-1.42
619	0.3820	-1.51
038	0.3635 R	-2.58
--	Method 131.02	--
227	0.3900	.00
--	Method 131.05	--
723	0.5800 S	3.46
610	0.4350	.47
Avg	0.4125	
626	0.3900	-1.13
--	Method 132.00	--
619	1.0550	1.68
652	0.9950 R	.96
350	1.0255	.89
227	1.0150	.71
571	1.0100	.44
676	1.0035	.43
Avg	0.9938	
160	0.9914	-.08
504	0.9850	-.28
662	0.9700	-.67
038	0.9510	-1.21
684	0.9315	-1.73
--	Method 132.05	--
626	1.0350	-.71
--	Method 133.00	--
227	1.3850	2.03
652	1.3050	.82
160	1.3058	.80
662	1.2635	.32
Avg	1.2542	
619	1.2400	-.38

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

AAFCO - Feed Check Sample No. - 200726 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 133.00 --	
571	1.2500	-.47
676	1.2225	-.50
038	1.2080	-.72
684	1.1920	-.96
504	1.1700	-1.38
--	Method 133.05 --	
626	1.4800	.71
--	Method 134.00 --	
160	1.0828	1.26
619	1.0750	1.16
038	0.9965	.49
571	1.0200	.48
227	1.0200	.48
662	1.0143	.39
Avg	0.9839	
350	0.9765	-.34
652	0.9350	-.65
684	0.9105 R	-1.26
676	0.8785	-1.35
504	0.8400	-1.83
--	Method 134.05 --	
626	1.1000	.71
--	Method 135.00 --	
160	0.9658 s	3.40
652	0.9000	1.01
571	0.8955	.88
350	0.8975	.87
619	0.8900	.57
684	0.8860	.56
Avg	0.8748	
662	0.8691	-.22
504	0.8600	-.55
227	0.8550	-.76
038	0.8480 R	-1.56
676	0.8205	-2.09
--	Method 135.05 --	
626	0.9150	.96
610	0.8800	.29
Avg	0.8717	
723	0.8200	-1.22
--	Method 136.00 --	
662	0.2640	.83
684	0.2480	.45
Avg	0.2293	
038	0.1760	-1.27
--	Method 136.01 --	
227	0.3000	.98
571	0.2550	.23
Avg	0.2417	
160	0.1701	-1.22
--	Method 136.99 --	
504	0.2150	-.71
--	Method 137.00 --	
662	0.7700	1.37
160	0.7578	1.15
038	0.7060	.30
676	0.6945	.21
Avg	0.6929	
227	0.6900	-.18
684	0.6780	-.39
350	0.6465	-1.09
504	0.6000	-1.68
--	Method 137.05 --	
626	0.6150	.71
--	Method 138.00 --	
619	1.1150	2.02
684	1.0015 R	.95
504	1.0450	.91
227	1.0200	.47
--	Method 138.00 --	
350	1.0075	.27
Avg	0.9912	
662	0.9658	-.42
652	0.9650	-.43
571	0.9670	-.46
160	0.9654	-.47
676	0.9705	-.53
038	0.8905	-1.79
--	Method 138.05 --	
626	1.0200	.00
--	Method 139.00 --	
504	0.0600	.00
--	Method 300.01 --	
651	1.4535	.92
Avg	1.2768	
658	1.1000	-.81

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

Method Evaluation - Z Values Based on 1 Reports

Method Code	Number Of Labs	Avg Bias of Labs	Std Dev of Biases	Std Dev Within Labs	Method Code	Number Of Labs	Avg Bias of Labs	Std Dev of Biases	Std Dev Within Labs
001.00	9	-0.5052	1.80	0.12	009.99	3	3.0017	5.26	0.55
001.03	4	0.0000	0.50	0.83	010.03	2	0.0000	0.63	0.74
001.07	48	-1.1597	4.11	0.37	010.11	14	0.1433	2.43	0.22
001.99	18	-0.0962	1.05	0.33	010.99	15	-0.7680	3.13	0.15
002.00	4	0.0000	1.01	0.34	011.01	75	-0.5216	2.21	0.25
002.01	11	0.0000	0.94	0.40	011.99	2	0.0000	1.18	0.22
002.02	12	0.1261	1.35	0.34	012.00	9	-0.0668	0.97	0.43
002.03	3	20.5690	18.96	1.00	012.01	2	0.0000	0.73	0.69
002.04	6	-1.3715	3.48	0.30	012.03	3	0.0000	0.64	0.75
002.05	21	-0.0024	1.08	0.53	012.04	6	0.1257	0.99	0.25
002.06	125	0.4413	4.78	0.70	012.11	3	0.0000	1.11	0.12
002.08	6	2.3091	5.73	0.17	013.02	20	-0.3389	1.45	0.44
002.10	7	0.2858	1.21	0.43	013.10	19	-0.5957	2.77	0.25
002.11	20	-0.1023	1.51	0.29	013.99	2	0.0000	1.22	0.04
002.99	5	0.0000	1.05	0.15	015.00	11	-0.1684	1.12	0.19
003.00	31	-0.9580	5.19	2.15	017.00	8	0.0000	0.99	0.30
003.06	29	-0.6434	3.79	0.42	018.02	3	0.0000	0.02	0.91
003.09	29	0.2089	1.31	0.57	019.00	16	0.4300	1.52	0.15
003.10	37	-0.1598	1.25	0.30	019.01	62	2.2118	13.41	0.49
003.11	19	0.0398	0.99	0.18	019.03	6	1.3698	3.48	0.35
003.12	5	-1.3957	3.26	0.14	019.05	42	0.7695	4.90	0.31
003.13	4	-0.8469	1.91	1.50	019.08	6	4.7620	10.91	1.36
003.14	13	-0.2646	1.35	0.22	019.09	26	0.0428	1.39	0.34
003.99	10	-0.0885	1.23	0.21	019.99	6	41.6231	101.56	0.48
004.00	28	0.1560	1.41	0.38	020.01	9	0.5924	1.42	1.37
004.01	2	0.0000	0.65	0.73	020.99	2	0.0000	1.09	0.40
004.03	3	0.0000	1.07	0.27	021.01	2	0.0000	0.00	0.00
004.06	33	0.8573	3.78	0.40	021.02	9	-0.1062	1.01	0.35
004.07	45	0.0914	1.10	0.35	021.99	2	0.0000	0.00	0.00
004.11	18	0.0385	0.99	0.11	022.01	32	-0.0434	1.18	0.34
004.99	6	0.0000	1.04	0.10	022.03	34	0.5428	2.74	0.33
005.00	135	-0.1742	1.44	0.69	022.05	25	-0.0167	0.96	0.27
005.11	14	0.0265	0.95	0.31	022.99	3	0.0000	1.04	0.33
005.99	12	-0.0080	0.96	0.30	025.01	31	0.0585	1.03	0.20
008.02	16	-0.1440	2.61	0.19	025.03	32	0.4305	2.61	0.19
008.08	20	0.1971	1.30	0.23	025.05	23	-0.2178	1.44	1.09
008.99	7	0.0000	1.03	0.12	025.99	3	0.0000	0.99	0.42
009.07	15	-0.2093	1.24	0.42	026.00	2	0.0000	0.71	0.71
009.09	17	0.1579	1.16	0.44	027.01	37	-0.3488	2.77	0.68

Method Evaluation - Z Values Based on 1 Reports

Method Code	Number Of Labs	Avg Bias of Labs	Std Dev of Biases	Std Dev Within Labs
027.03	36	1.0285	5.31	0.33
027.05	24	0.0000	0.90	0.45
027.99	3	0.0000	1.11	0.12
028.01	31	-0.6256	1.74	0.48
028.03	31	0.5436	3.17	0.26
028.05	22	0.1328	1.52	0.53
028.99	3	0.0000	0.68	0.73
031.01	62	-0.0332	0.98	0.50
031.02	5	0.0000	0.90	0.51
031.03	8	0.0000	1.00	0.26
031.05	67	0.4863	3.93	0.33
031.06	4	-0.4020	1.21	0.60
031.99	9	0.0000	1.02	0.13
032.01	25	-1.6067	6.80	0.38
032.02	7	-0.3102	1.26	0.20
032.05	56	0.4039	3.57	0.22
032.99	2	0.0000	0.00	0.00
033.00	20	1.4465	8.16	0.67
033.01	40	0.2659	1.33	0.31
033.03	9	-0.6518	2.16	0.30
033.99	10	-0.6916	1.71	0.19
034.01	4	2.7394	5.55	0.19
034.04	7	0.0000	1.03	0.11
034.05	5	0.0000	1.03	0.23
035.00	29	0.4202	1.53	0.41
035.01	5	0.0000	0.99	0.35
035.03	57	0.4139	2.70	0.31
035.05	10	0.7272	2.24	0.61
035.99	3	0.0000	1.06	0.28
036.00	3	0.0000	1.09	0.20
036.03	19	-0.3674	1.88	0.12
036.04	4	0.0000	0.94	0.47
037.01	36	0.0616	1.11	0.33
037.03	33	0.9557	5.68	0.44
037.05	26	-0.4959	1.98	0.28
037.99	3	0.0000	1.10	0.14
038.00	9	4.0362	11.26	1.16
039.02	7	0.0000	0.95	0.40
041.00	3	0.0000	1.04	0.33
050.01	10	0.0857	1.00	0.34
106.02	16	199.9425	795.01	11.88
108.02	2	0.0000	1.22	0.02
109.02	8	0.0572	0.97	0.25
120.00	11	0.5054	2.06	0.30
121.00	11	0.1096	1.00	0.74
122.00	11	0.4937	1.85	0.43
124.00	9	0.1095	1.01	0.37
125.00	11	0.0000	0.98	0.27
126.00	11	-0.1498	1.07	0.42
127.00	11	0.0000	0.92	0.43
128.00	11	-0.5958	1.59	0.70
129.00	11	-0.2500	1.26	0.29
130.00	12	0.0000	1.00	0.20
130.05	5	0.0000	0.97	0.38
131.00	10	-0.2390	1.21	0.38
131.05	3	1.1497	2.04	0.61
132.00	11	0.0030	0.95	0.37
133.00	10	0.0000	0.99	0.26
134.00	11	-0.0849	0.99	0.32
135.00	11	0.2175	1.40	0.45
135.05	3	0.0000	1.06	0.29
136.00	3	0.0000	1.12	0.06
136.01	3	0.0000	1.11	0.08
137.00	8	0.0000	0.98	0.32
138.00	11	0.0153	0.93	0.40