Feed Check Sample No. - 200822 Senior Pig Starter, Medicated
Association of American Feed Control Officials

Method	AOAC 18th	Method Code	- Pass 1 Results for 177 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 176 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Urea, Misc		000.99	1	0.18000	0.02828	0.04000	1	0.18000	0.02828	0.04000
Loss on Drying, Vac 95 deg 5 hr	934.01	001.00	9	8.59556	0.42521	0.12444	8	8.50938	0.35617	0.08375
Loss on Drying, ISO 6496		001.03	3	8.43667	0.13574	0.04000	3	8.43667	0.13574	0.04000
Loss on Drying, LECO		001.05	1	8.45000	0.00000	0.00000	1	8.45000	0.00000	0.00000
Loss on Drying, 104 deg 3 hr, in malt	935.29	001.07	30	8.49467	0.23973	0.08667	27	8.48907	0.22099	0.06111
Loss on Drying, 102 deg 16 hr, in meat	950.46	001.08	2	8.62200	0.15972	0.11300	2	8.62200	0.15972	0.11300
Loss on Drying, Misc		001.99	13	8.68377	0.32775	0.15528	12	8.70992	0.31804	0.12322
Method Group 001.XX PCT			58	8.55333	0.29667	0.10491	53	8.54345	0.27499	0.07820
Protein, Crude	954.01	002.00	3	21.7317	0.69277	0.05667	3	21.7317	0.69277	0.05667
Protein, Auto Kjel-Foss	976.05	002.01	9	21.7806	0.23994	0.22111	9	21.7806	0.23994	0.22111
Protein, Semiauto Autoanalyzer	976.06	002.02	8	22.0376	0.50807	0.20750	8	22.0376	0.50807	0.20750
Protein, Hach Method		002.03	2	21.7450	0.88925	0.29000	2	21.7450	0.88925	0.29000
Protein, Copper Cat	984.13	002.04	3	21.8700	0.29793	0.20667	3	21.8700	0.29793	0.20667
Protein, Copper, Boric Acid		002.05	16	21.6868	0.30876	0.10499	16	21.6868	0.30876	0.10499
Protein, Combustion Nitrogen Analyzer	990.03	002.06	110	22.1805	0.37406	0.16445	102	22.1888	0.35917	0.11588
Protein, Cu/Ti	988.05	002.08	5	21.8594	0.23025	0.10880	5	21.8594	0.23025	0.10880
Protein, Block dig/distillation		002.10	7	21.8250	0.32131	0.18714	6	21.8858	0.26736	0.10167
Protein, NIR		002.11	10	21.6095	0.45529	0.14900	10	21.6095	0.45529	0.14900
Protein, Misc		002.99	6	21.9725	0.24973	0.14833	6	21.9725	0.24973	0.14833
Method Group 002.XX PCT			179	22.0305	0.42817	0.16214	170	22.0318	0.42161	0.12972
Fat, Eth Ext, Direct	920.39	003.00	30	8.02393	0.25082	0.09171	28	7.99243	0.22045	0.06897
Fat, Ind Eth Ext (13th ed), Indirect	920.39	003.01	1	7.68500	0.43134	0.61000	1	7.68500	0.43134	0.61000
Fat, In Fish Meal	948.04	003.04	1	8.40000	0.01414	0.02000	1	8.40000	0.01414	0.02000
Fat, Pet Ether		003.06	24	7.95929	0.18410	0.09317	23	7.96143	0.17611	0.07026
Fat, Soxtec, Eth Ext		003.09	24	7.99805	0.12034	0.09421	23	8.00340	0.11429	0.08309
Fat, Soxtec, Pet Ether		003.10	30	7.87419	0.18782	0.10143	30	7.87419	0.18782	0.10143
Fat, NIR		003.11	10	7.50150	0.17886	0.08300	10	7.50150	0.17886	0.08300
Fat, Hexane Ext.		003.12	3	8.17833	0.11179	0.05000	3	8.17833	0.11179	0.05000
Fat, Soxtec, Hexane Ext.		003.13	4	7.95150	0.20049	0.04150	4	7.95150	0.20049	0.04150
Fat, Ankom		003.14	10	7.82425	0.45679	0.12350	10	7.82425	0.45679	0.12350
Fat, Misc		003.99	6	7.88333	0.44182	0.05667	6	7.88333	0.44182	0.05667
Method Group 003.XX PCT			143	7.92240	0.27233	0.09540	139	7.91503	0.26520	0.08527
Fiber, Crude Asbestos Free	962.09	004.00	26	2.35423	0.36208	0.08231	25	2.32640	0.33910	0.07360
Fiber, Sing Filt		004.01	2	3.72250	0.53269	0.82500	2	3.72250	0.53269	0.82500
Fiber, Fritted Glass	978.10	004.03	2	2.69500	0.40270	0.25000	2	2.69500	0.40270	0.25000
Fiber, Fibertec		004.06	27	2.53816	0.31455	0.16797	27	2.48890	0.34599	0.14649
Fiber, ANKOM		004.07	35	2.27043	0.40835	0.10200	33	2.29424	0.38285	0.07939
Fiber, NIR		004.11	10	3.27650	0.55400	0.13700	9	3.28333	0.57387	0.07778
Fiber, Misc		004.99	2	2.09250	0.39761	0.05500	2	2.09250	0.39761	0.05500

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Method Group 004.XX PCT			104	2.49029	0.51446	0.13342	99	2.48515	0.50094	0.11490
Ash,	942.05	005.00	113	5.06993	0.10518	0.04210	108	5.06973	0.09797	0.03226
Ash, LECO		005.02	1	5.10000	0.00000	0.00000	1	5.10000	0.00000	0.00000
Ash, Misc		005.99	10	5.13850	0.11522	0.08500	10	5.13850	0.11522	0.08500
Method Group 005.XX PCT			124	5.07570	0.10702	0.04522	119	5.07576	0.10070	0.03642
Sugar, TSI, Lane-Eynon (12th)	923.09	006.05	1	6.04000	0.01414	0.02000	1	6.04000	0.01414	0.02000
Fiber, Acid Detergent	973.18	008.02	12	3.54696	0.85134	0.14775	12	3.54696	0.85134	0.14775
Fiber, Acid Detergent-Hach		008.05	1	4.30000	0.98995	1.40000	1	4.30000	0.98995	1.40000
Fiber, Acid Detergent by ANKOM		008.08	18	3.73472	0.75440	0.23722	17	3.78588	0.73193	0.18471
Fiber, Acid Detergent Misc		008.99	7	3.24714	0.84009	0.23429	7	3.24714	0.84009	0.23429
Method Group 008.XX PCT			38	3.60049	0.81803	0.23903	37	3.62036	0.81458	0.21495
Fiber, Neutral Det-No ENZ Pretreat		009.04	1	9.95000	0.97581	1.38000	1	9.95000	0.97581	1.38000
Fiber, Neutral Det-ENZ Pretreat		009.07	11	9.02109	1.56457	0.45909	11	9.02109	1.56457	0.45909
Fiber, Neutral Detergent by ANKOM		009.09	16	8.92687	1.25071	0.27000	14	8.74714	1.11279	0.17286
Fiber, Neutral Det Misc		009.99	3	8.65667	1.09797	0.26000	3	8.65667	1.09797	0.26000
Method Group 009.XX PCT			31	8.96716	1.33983	0.37194	29	8.88317	1.29331	0.33207
Moisture, Karl-Fischer	966.20	010.03	2	7.19750	0.91751	0.09500	2	7.19750	0.91751	0.09500
Moisture, NIR		010.11	7	9.10286	0.70914	0.12571	6	9.32167	0.46620	0.06333
Moisture, Misc		010.99	9	8.56500	0.19821	0.15889	8	8.56875	0.18715	0.11250
Method Group 010.XX PCT			18	8.62222	0.77723	0.13889	16	8.67969	0.79050	0.09187
Loss on Drying, 135 deg 2 hr	930.15	011.01	68	9.45780	0.40474	0.11650	65	9.44116	0.39167	0.09772
Loss on Drying, High Temp Methods, Misc		011.99	2	8.64000	0.11431	0.10000	2	8.64000	0.11431	0.10000
Method Group 011.XX PCT			70	9.43444	0.42199	0.11603	67	9.41725	0.40965	0.09779
Starch, Polarimetric (Ewers)		012.00	7	36.1821	2.03670	0.36714	6	35.9458	2.08795	0.16167
Starch, Megazyme		012.01	2	35.4625	0.22853	0.38500	2	35.4625	0.22853	0.38500
Starch, Colorimetric (GOP)		012.02	1	34.8400	0.33941	0.48000	1	34.8400	0.33941	0.48000
Starch, Enzymatic		012.03	2	34.4975	1.38745	0.91500	2	34.4975	1.38745	0.91500
Starch, YSI Analyzer		012.04	6	35.1717	2.44419	0.32333	6	35.1717	2.44419	0.32333
Starch, NIR		012.11	2	36.1150	1.25429	0.42000	2	36.1150	1.25429	0.42000
Starch, Misc.		012.99	1	37.4250	0.10607	0.15000	1	37.4250	0.10607	0.15000
Method Group 012.XX PCT			21	35.6533	1.91948	0.40857	20	35.5560	1.90695	0.34900
Fat, Mojonnier, Bak Ext	954.02	013.02	19	9.03211	0.53695	0.14947	18	9.01611	0.53912	0.11333
Fat, Soxtec-Acid Hydrolysis		013.10	13	8.58192	0.39154	0.15462	12	8.58042	0.40091	0.12417
Fat, NIR-Acid Hydrolysis		013.12	1	8.57500	0.02121	0.03000	1	8.57500	0.02121	0.03000
Method Group 013.XX PCT			33	8.84091	0.52294	0.14788	31	8.83323	0.52388	0.11484
Aluminum, ICP		015.00	10	75.5979	6.81010	3.57580	10	75.5979	6.81010	3.57580
Method Group 015.XX PPM			10	75.5979	6.81010	3.57580	10	75.5979	6.81010	3.57580
Boron, ICP		017.00	7	12.3393	1.24153	0.45857	7	12.3393	1.24153	0.45857
Boron, Misc		017.99	1	12.9500	1.20208	1.70000	1	12.9500	1.20208	1.70000

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Method Group 017.XX PPM			8	12.4156	1.21480	0.61375	8	12.4156	1.21480	0.61375
Cadmium, ICP		018.02	2	0.08688	0.00944	0.00625	2	0.08688	0.00944	0.00625
Method Group 018.XX PPM			2	0.08688	0.00944	0.00625	2	0.08688	0.00944	0.00625
Calcium, Ox-Mn04 Vol	927.02	019.00	10	0.83277	0.07185	0.03650	10	0.83277	0.07185	0.03650
Calcium, At Abs Spect	968.08	019.01	48	0.80246	0.05034	0.01501	44	0.80643	0.04175	0.01015
Calcium, Semiauto (Autoanalyzer)		019.03	4	0.84600	0.01972	0.02650	4	0.84600	0.01972	0.02650
Calcium, ICP, Dry Ash		019.05	35	0.80979	0.03836	0.01689	33	0.81054	0.03548	0.01337
Calcium, EDTA		019.08	2	0.86250	0.04113	0.02500	2	0.86250	0.04113	0.02500
Calcium, ICP, Wet Ash		019.09	23	0.81215	0.04266	0.01633	23	0.81215	0.04266	0.01633
Calcium, Misc		019.99	7	0.77821	0.02962	0.02614	7	0.77821	0.02962	0.02614
Method Group 019.XX PCT			129	0.80949	0.04804	0.01854	123	0.81134	0.04424	0.01600
Chromium, AA		020.00	2	4.67790	1.07265	0.08690	2	4.67790	1.07265	0.08690
Chromium, ICP		020.01	4	4.04506	0.49248	0.46138	5	3.90505	0.60446	0.62310
Chromium, Misc		020.99	1	4.73000	0.08485	0.12000	1	4.73000	0.08485	0.12000
Method Group 020.XX PPM			7	4.32372	0.71305	0.30561	7	4.32372	0.71305	0.30561
Cobalt, ICP		021.02	9	0.58164	0.08682	0.04372	8	0.57947	0.08465	0.02419
Cobalt, Misc.		021.99	1	0.56950	0.00495	0.00700	1	0.56950	0.00495	0.00700
Method Group 021.XX PPM			10	0.58043	0.08222	0.04005	9	0.57836	0.07959	0.02228
Copper, AA	968.08	022.01	26	131.927	6.91151	3.49427	24	131.345	6.61101	2.71671
Copper, ICP, Dry Ash	968.08	022.03	26	130.710	6.56952	2.97769	26	130.710	6.56952	2.97769
Copper, ICP, Wet Ash	968.08	022.05	24	137.131	8.74464	3.01708	22	137.643	8.74003	2.29136
Copper, Misc		022.99	3	130.890	4.74376	5.56000	3	130.890	4.74376	5.56000
Method Group 022.XX PPM			79	133.068	7.78751	3.25773	75	132.954	7.78542	2.79615
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	24	305.946	30.3629	9.94458	24	302.014	34.5264	8.69625
Iron, ICP, Dry Ash	968.08	025.03	26	299.250	18.4719	10.0187	24	297.792	17.0219	7.89529
Iron, ICP, Wet Ash	968.08	025.05	20	298.726	30.4443	10.3850	19	299.843	30.1735	8.03684
Iron, Misc		025.99	3	302.735	16.6822	6.27000	3	302.735	16.6822	6.27000
Method Group 025.XX PPM			73	301.451	26.2348	9.94064	69	301.144	26.0168	8.19807
Lead,		026.00	2	0.07500	0.08660	0.00000	2	0.07500	0.08660	0.00000
Method Group 026.XX PPM			2	0.07500	0.08660	0.00000	2	0.07500	0.08660	0.00000
Magnesium, AA	968.08	027.01	30	0.17732	0.00876	0.00352	30	0.17732	0.00876	0.00352
Magnesium, ICP, Dry Ash	968.08	027.03	27	0.17660	0.00667	0.00375	27	0.17660	0.00667	0.00375
Magnesium, ICP, Wet Ash	968.08	027.05	20	0.17683	0.00725	0.00279	18	0.17565	0.00602	0.00144
Magnesium, Misc.		027.99	3	0.17650	0.00428	0.00433	3	0.17650	0.00428	0.00433
Method Group 027.XX PCT			80	0.17692	0.00754	0.00345	78	0.17665	0.00732	0.00315
Manganese, Color	917.04	028.00	1	84.7600	1.72534	2.44000	1	84.7600	1.72534	2.44000
Manganese, AA	968.08	028.01	23	94.5429	7.05561	1.77413	23	94.5429	7.05561	1.77413
Manganese, ICP, Dry Ash	968.08	028.03	24	95.6012	3.12754	1.90775	23	95.6056	2.97848	1.51243

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Manganese, ICP, Wet Ash	968.08	028.05	21	99.7529	5.87292	2.99143	19	99.5953	5.42636	1.56947
Manganese, Misc.		028.99	3	96.7683	4.90135	4.89667	3	96.7683	4.90135	4.89667
Method Group 028.XX PPM			72	96.3721	6.01294	2.31307	69	96.2434	5.85469	1.77596
Mercury,		029.00	1	0.00350	0.00071	0.00100	1	0.00350	0.00071	0.00100
Phosphorus, Photometric	965.17	031.01	53	0.68089	0.02189	0.00839	49	0.68088	0.01998	0.00540
Phosphorus, GQMP (2.028)	964.06	031.02	5	0.69459	0.00868	0.00462	5	0.69459	0.00868	0.00462
Phosphorus, Autoanalyzer		031.03	8	0.67575	0.03790	0.01650	8	0.67575	0.03790	0.01650
Phosphorus, ICP		031.05	56	0.67952	0.02467	0.01310	54	0.67993	0.02451	0.01166
Phosphorus, Misc		031.99	8	0.68413	0.03106	0.00850	8	0.68413	0.03106	0.00850
Method Group 031.XX PCT			130	0.68071	0.02464	0.01078	124	0.68089	0.02400	0.00901
Potassium, AA	975.03	032.01	23	0.90529	0.05088	0.01442	22	0.90724	0.05091	0.01285
Potassium, Flame Emission	956.01	032.02	5	0.91352	0.04958	0.02272	5	0.91352	0.04958	0.02272
Potassium, ICP		032.05	48	0.87969	0.05545	0.01810	45	0.87900	0.04999	0.01575
Potassium, Misc		032.99	2	0.89000	0.03464	0.00000	2	0.89000	0.03464	0.00000
Method Group 032.XX PCT			78	0.88967	0.05452	0.01684	74	0.89003	0.05145	0.01493
Salt, Sol Cl	943.01	033.00	16	0.63154	0.04062	0.01753	14	0.63601	0.03901	0.00939
Salt, Poten Cl	969.10	033.01	32	0.65532	0.01862	0.00696	30	0.65548	0.01869	0.00513
Salt, Quantab		033.03	6	0.59083	0.05534	0.04833	6	0.59083	0.05534	0.04833
Salt, Ion Sel Electrode		033.05	1	0.62000	0.01414	0.02000	1	0.62000	0.01414	0.02000
Salt, Misc		033.99	6	0.60692	0.05990	0.02017	7	0.58664	0.07547	0.01871
Method Group 033.XX PCT			61	0.63740	0.04124	0.01531	57	0.63816	0.04127	0.01256
Selenium, Fluor	969.06	034.01	1	0.47450	0.00919	0.01300	1	0.47450	0.00919	0.01300
Selenium, AA, Flame		034.03	1	0.45070	0.00481	0.00680	1	0.45070	0.00481	0.00680
Selenium, AA, Hydride		034.04	7	0.42621	0.04004	0.01871	7	0.42621	0.04004	0.01871
Selenium, ICP		034.05	2	0.42950	0.08236	0.06800	2	0.42950	0.08236	0.06800
Selenium, Misc		034.99	2	0.53075	0.10597	0.02650	2	0.53075	0.10597	0.02650
Method Group 034.XX PPM			13	0.44840	0.06687	0.02614	13	0.44840	0.06687	0.02614
Sodium, AA		035.00	27	0.20182	0.01423	0.00675	27	0.20182	0.01423	0.00675
Sodium, Ion Sel Electrode		035.01	2	0.20345	0.01058	0.00530	2	0.20345	0.01058	0.00530
Sodium, ICP		035.03	47	0.19852	0.01709	0.00542	43	0.19582	0.01401	0.00406
Sodium, Flame Emission	956.01	035.05	11	0.20650	0.01814	0.00736	11	0.20650	0.01814	0.00736
Sodium, Misc		035.99	3	0.21283	0.01870	0.01167	3	0.21283	0.01870	0.01167
Method Group 035.XX PCT			90	0.20107	0.01655	0.00626	86	0.19984	0.01530	0.00562
Sulfur, (Gravimetric)		036.00	3	0.23783	0.02583	0.02367	3	0.23783	0.02583	0.02367
Sulfur, ICP		036.03	20	0.23612	0.02289	0.00315	20	0.23612	0.02289	0.00315
Sulfur, LECO		036.04	2	0.24500	0.00577	0.01000	2	0.24500	0.00577	0.01000
Method Group 036.XX PCT			25	0.23703	0.02221	0.00616	25	0.23703	0.02221	0.00616
Zinc, AA	968.08	037.01	29	330.713	18.1306	6.59534	28	329.400	16.7622	5.72375
Zinc, ICP, Dry Ash	968.08	037.03	29	330.314	16.1493	8.68162	27	330.874	15.2953	6.69507

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Zinc, ICP, Wet Ash	968.08	037.05	25	333.161	18.6263	5.92840	25	333.161	18.6263	5.92840
Zinc, Misc		037.99	3	312.000	6.41592	5.26667	3	312.000	6.41592	5.26667
Method Group 037.XX PPM			86	330.637	17.6412	7.05863	83	330.383	16.9739	6.08484
Molybdenum, ICP		038.00	6	1.66000	0.24454	0.08667	6	1.66000	0.24454	0.08667
Molybdenum, Misc		038.99	1	2.05000	0.07071	0.10000	1	2.05000	0.07071	0.10000
Method Group 038.XX PPM			7	1.71571	0.26654	0.08857	7	1.71571	0.26654	0.08857
Nickel, AA		039.01	2	2.00250	0.07136	0.07500	2	2.00250	0.07136	0.07500
Nickel, ICP		039.02	3	2.39817	0.18543	0.09267	3	2.39817	0.18543	0.09267
Method Group 039.XX PPM			5	2.23990	0.25009	0.08560	5	2.23990	0.25009	0.08560
Barium, ICP		040.00	1	3.97000	0.01414	0.02000	1	3.97000	0.01414	0.02000
Vanadium, ICP		041.00	2	1.11363	0.23117	0.04025	2	1.11363	0.23117	0.04025
Method Group 041.XX PPM			2	1.11363	0.23117	0.04025	2	1.11363	0.23117	0.04025
Carbadox, HPLC		050.01	10	0.00538	0.00036	0.00013	10	0.00538	0.00036	0.00013
Method Group 050.XX PCT			10	0.00538	0.00036	0.00013	10	0.00538	0.00036	0.00013
Choline Chloride, Chem		101.01	1	898.500	6.36396	9.00000	1	898.500	6.36396	9.00000
Niacin, Chem	961.14	102.00	1	25.5400	20.6334	29.1800	1	25.5400	20.6334	29.1800
Pantothenic Acid, Misc		103.99	1	33.3200	2.37588	3.36000	1	33.3200	2.37588	3.36000
Riboflavin, Fluorometric	970.65	104.00	2	6.72250	1.16254	0.36500	2	6.72250	1.16254	0.36500
Method Group 104.XX MG/LB			2	6.72250	1.16254	0.36500	2	6.72250	1.16254	0.36500
Vitamin A, Color	974.29	106.00	1	5.12500	0.10607	0.15000	1	5.12500	0.10607	0.15000
Vitamin A, HPLC		106.02	12	4.49146	0.54131	0.25692	12	4.49146	0.54131	0.25692
Method Group 106.XX KU/LB			13	4.54019	0.54742	0.24869	13	4.54019	0.54742	0.24869
Vitamin B12,	952.20	107.00	1	21.5650	0.32103	0.45400	1	21.5650	0.32103	0.45400
Vitamin D3, HPLC		108.02	4	5.62889	8.75161	0.27233	3	0.90518	0.15096	0.02977
Method Group 108.XX KU/LB			4	5.62889	8.75161	0.27233	3	0.90518	0.15096	0.02977
Vitamin E, HPLC		109.02	6	134.020	10.2823	4.53100	6	134.020	10.2823	4.53100
Vitamin E, Misc		109.99	1	166.500	2.12132	3.00000	1	166.500	2.12132	3.00000
Method Group 109.XX MG/KG			7	138.660	15.1303	4.31229	7	138.660	15.1303	4.31229
Pyridoxine, (Vitamin B6)	961.15	112.00	1	7.72000	0.05657	0.08000	1	7.72000	0.05657	0.08000
Folic Acid,	944.12	113.01	1	2.41500	0.03536	0.05000	1	2.41500	0.03536	0.05000
Biotin, Microbiological		114.01	1	0.11700	0.00000	0.00000	1	0.11700	0.00000	0.00000
Alanine, Post-col Ninhydrin Der	994.12	120.00	7	1.12114	0.02043	0.02029	6	1.12550	0.01120	0.01200
Alanine, Pre-col AQC Der		120.05	1	1.09000	0.01414	0.02000	1	1.09000	0.01414	0.02000
Method Group 120.XX PCT			8	1.11725	0.02209	0.02025	7	1.12043	0.01696	0.01314
Arginine, Post-col Ninhydrin Der	994.12	121.00	8	1.45774	0.04411	0.01188	7	1.45720	0.04667	0.00771
Arginine, Pre-col AQC Der		121.05	1	1.44000	0.04243	0.06000	1	1.44000	0.04243	0.06000
Method Group 121.XX PCT			9	1.45577	0.04308	0.01722	8	1.45505	0.04519	0.01425
Aspartic, Post-col Ninhydrin Der	994.12	122.00	8	2.15825	0.07763	0.06375	8	2.15825	0.07763	0.06375
Aspartic, Pre-col AQC Der		122.05	1	2.02500	0.04950	0.07000	1	2.02500	0.04950	0.07000

Method	AOAC 18th	Method Code	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
			- Pass 1 Results for 177 Labs -				- Pass 2 Results for 176 Labs -			
Method Group 122.XX PCT			9	2.14344	0.08555	0.06444	9	2.14344	0.08555	0.06444
Cysteine/Cystine, PAO Post-col Ninhydri	994.12	124.00	7	0.35114	0.03045	0.00686	6	0.34750	0.03104	0.00367
Cysteine/Cystine, PAO Pre-col AQC Der .		124.05	2	0.27000	0.08679	0.01000	2	0.27000	0.08679	0.01000
Method Group 124.XX PCT			9	0.33311	0.05695	0.00756	8	0.32813	0.05843	0.00525
Glutamic, Post-col Ninhydrin Der	994.12	125.00	9	3.92337	0.12720	0.05218	9	3.92337	0.12720	0.05218
Glutamic, Pre-col AQC Der		125.05	1	3.82500	0.02121	0.03000	1	3.82500	0.02121	0.03000
Method Group 125.XX PCT			10	3.91353	0.12417	0.04996	10	3.91353	0.12417	0.04996
Glycine, Post-col Ninhydrin Der	994.12	126.00	8	1.03513	0.01905	0.01789	8	1.03513	0.01905	0.01789
Glycine, Pre-col AQC Der		126.05	1	1.01000	0.01414	0.02000	1	1.01000	0.01414	0.02000
Method Group 126.XX PCT			9	1.03234	0.01995	0.01812	9	1.03234	0.01995	0.01812
Histidine, Post-col Ninhydrin Der	994.12	127.00	8	0.57225	0.03420	0.01025	8	0.57225	0.03420	0.01025
Histidine, Pre-col AQC Der		127.05	1	0.60000	0.08485	0.12000	1	0.60000	0.08485	0.12000
Method Group 127.XX PCT			9	0.57533	0.03920	0.02244	9	0.57533	0.03920	0.02244
Isoleucine, Post-col Ninhydrin Der	994.12	128.00	9	0.87404	0.03971	0.02421	9	0.87404	0.03971	0.02421
Isoleucine, Pre-col AQC Der		128.05	1	0.88000	0.02828	0.04000	1	0.88000	0.02828	0.04000
Method Group 128.XX PCT			10	0.87464	0.03816	0.02579	10	0.87464	0.03816	0.02579
Leucine, Post-col Ninhydrin Der	994.12	129.00	8	1.82320	0.02226	0.01447	8	1.82320	0.02226	0.01447
Leucine, Pre-col AQC Der		129.05	1	1.76500	0.00707	0.01000	1	1.76500	0.00707	0.01000
Method Group 129.XX PCT			9	1.81673	0.02818	0.01398	9	1.81673	0.02818	0.01398
L-Lysine, Post-col Ninhydrin Der	994.12	130.00	13	1.39172	0.04705	0.02312	12	1.39803	0.04155	0.01838
L-Lysine, Pre-col AQC Der		130.05	3	1.44500	0.10913	0.07667	3	1.44500	0.10913	0.07667
Method Group 130.XX PCT			16	1.40171	0.06444	0.03316	15	1.40743	0.06155	0.03004
Methionine, PAO Post-col Ninhydrin Der	994.12	131.00	8	0.42002	0.02307	0.01889	7	0.42238	0.01806	0.01030
Methionine, PAO Pre-col AQC Der		131.05	1	0.42000	0.00000	0.00000	1	0.42000	0.00000	0.00000
Methionine, Misc		131.99	1	0.37500	0.00707	0.01000	1	0.37500	0.00707	0.01000
Method Group 131.XX PCT			10	0.41551	0.02480	0.01611	9	0.41685	0.02202	0.00912
Phenylalanine, Post-col Ninhydrin Der .	994.12	132.00	9	1.06420	0.04914	0.02142	9	1.06420	0.04914	0.02142
Phenylalanine, Pre-col AQC Der		132.05	1	1.01000	0.01414	0.02000	1	1.01000	0.01414	0.02000
Method Group 132.XX PCT			10	1.05878	0.04949	0.02128	10	1.05878	0.04949	0.02128
Proline, Post-col Ninhydrin Der	994.12	133.00	8	1.29732	0.05298	0.03774	8	1.29732	0.05298	0.03774
Proline, Pre-col AQC Der		133.05	1	1.32500	0.02121	0.03000	1	1.32500	0.02121	0.03000
Method Group 133.XX PCT			9	1.30039	0.05083	0.03688	9	1.30039	0.05083	0.03688
Serine, Post-col Ninhydrin Der	994.12	134.00	9	1.03621	0.06137	0.01577	9	1.03621	0.06137	0.01577
Serine, Pre-col AQC Der		134.05	1	1.06000	0.02828	0.04000	1	1.06000	0.02828	0.04000
Method Group 134.XX PCT			10	1.03859	0.05887	0.01819	10	1.03859	0.05887	0.01819
Threonine, Post-col Ninhydrin Der	994.12	135.00	9	0.89696	0.02184	0.01507	9	0.89696	0.02184	0.01507
Threonine, Pre-col AQC Der		135.05	1	0.89500	0.00707	0.01000	1	0.89500	0.00707	0.01000
Method Group 135.XX PCT			10	0.89676	0.02073	0.01456	10	0.89676	0.02073	0.01456
Tryptophan, Alka-Hydrol Post-col Ninhyd	988.15	136.00	1	0.26900	0.00283	0.00400	1	0.26900	0.00283	0.00400

Method	AOAC 18th	Method Code	- Pass 1 Results for 177 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 176 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Tryptophan, Alka-Hydrol Rev Phase LC UV		136.01	4	0.25874	0.02897	0.00438	4	0.25874	0.02897	0.00438
Tryptophan, Misc		136.99	2	0.25675	0.00377	0.00050	2	0.25675	0.00377	0.00050
Method Group 136.XX PCT			7	0.25964	0.02173	0.00321	7	0.25964	0.02173	0.00321
Tyrosine, Post-col Ninhydrin Der	994.12	137.00	6	0.75773	0.07263	0.01725	6	0.75773	0.07263	0.01725
Tyrosine, Pre-col AQC Der		137.05	1	0.60500	0.00707	0.01000	1	0.60500	0.00707	0.01000
Method Group 137.XX PCT			7	0.73591	0.08685	0.01621	7	0.73591	0.08685	0.01621
Valine, Post-col Ninhydrin Der	994.12	138.00	9	0.98741	0.05249	0.01299	9	0.98741	0.05249	0.01299
Valine, Pre-col AQC Der		138.05	1	0.95000	0.02828	0.04000	1	0.95000	0.02828	0.04000
Method Group 138.XX PCT			10	0.98366	0.05138	0.01569	10	0.98366	0.05138	0.01569
Taurine, Post-col Ninhydrin Der	994.12	139.00	1	0.00000	0.00000	0.00000	1	0.00000	0.00000	0.00000
Aflatoxin, Neogen Vera-Tox		300.01	1	0.55000	0.21213	0.30000	1	0.55000	0.21213	0.30000

AAFCO - Feed Check Sample No. - 200822 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 000.99	--
265	0.1800	.71
--	Method 001.00	--
504	9.2850 R	2.27
720	9.0250	1.45
001	8.9450	1.22
169	8.7850	.78
Avg	8.5094	
560	8.5000	-.31
596	8.3000	-.59
309	8.2600	-.72
029	8.1650	-.98
016	8.0950	-1.17
--	Method 001.03	--
663	8.6000	1.21
Avg	8.4367	
688	8.4000	-.27
731	8.3100	-.98
--	Method 001.05	--
610	8.4500	.00
--	Method 001.07	--
307	9.3300 s	3.90
278	8.8800 R	1.95
559	8.8450	1.64
581	8.7950	1.38
049	8.7600	1.23
592	8.7500	1.20
199	8.7200	1.04
550	8.7150	1.02
178	8.6500 R	1.00
098	8.6850	.89
142	8.6500	.76
413	8.6500	.76
571	8.6450	.71
083	8.6250	.63
048	8.4950	.57

Lab	Average*	Index
--	Method 001.07	--
139	8.5400	.23
345	8.4950	.12
Avg	8.4891	
669	8.4650	-.13
588	8.3900	-.47
045	8.3700	-.57
693	8.3700	-.58
187	8.3600	-.59
004	8.3450	-.66
297	8.3200	-.85
616	8.3050	-.85
366	8.3000	-.86
038	8.2500	-1.12
089	8.1750	-1.42
353	8.1100	-1.72
015	8.1050 R	-1.86
675	8.0750	-1.87
177	7.4850 s	-4.54
591	7.0300 s	-6.61
--	Method 001.08	--
590	8.7450	.94
Avg	8.6220	
676	8.4990	-.79
--	Method 001.99	--
573	10.032 s	4.18
665	9.1800	1.49
096	9.0500	1.08
405	9.0300	1.01
035	8.8300	.38
357	8.7400	.21
630	8.7150	.14
Avg	8.7099	
672	8.7000	-.07
656	8.6100	-.38
299	8.6090	-.40
505	8.6550	-.73
619	8.4000	-.97

Lab	Average*	Index
--	Method 001.99	--
681	8.3700 R	-1.36
536	8.0000	-2.25
541	7.1300 s	-4.97
--	Method 002.00	--
028	22.210	.69
015	22.145	.60
Avg	21.732	
199	20.840	-1.29
--	Method 002.01	--
674	23.250 s	7.53
299	22.802 s	4.29
731	22.090	1.42
652	21.950	.94
672	21.935	.73
710	21.855	.31
723	21.850	.30
Avg	21.781	
653	21.715	-.38
043	21.540	-1.10
656	21.540	-1.23
098	21.550	-1.42
--	Method 002.02	--
297	22.635	1.18
307	22.550	1.12
048	22.545	1.04
187	22.075	.12
Avg	22.038	
169	21.745	-.59
669	21.720	-.64
043	21.805	-.68
036	21.226	-1.60
152	20.350 S	-3.56

Lab	Average*	Index
--	Method 002.03	--
265	22.500	.86
Avg	21.745	
536	20.990	-.88
681	19.470 S	-2.59
--	Method 002.04	--
591	22.210	1.31
Avg	21.870	
596	21.750	-.44
405	21.650	-.77
--	Method 002.05	--
178	22.150	1.58
177	22.145	1.49
622	22.016	1.07
663	21.945	.85
350	21.898	.68
083	21.795	.49
722	21.700	.28
552	21.705	.28
596	21.750	.26
Avg	21.687	
633	21.662	-.08
354	21.595	-.30
658	21.476	-.70
625	21.365	-1.04
621	21.365	-1.04
651	21.326	-1.17
179	21.097	-1.97
--	Method 002.06	--
363	24.240 s	5.71
108	22.865 s	3.40
018	23.125 s	2.75
168	23.085	2.51
541	23.045	2.43
511	23.025	2.37
026	22.820 s	2.22
013	22.975	2.19

Lab	Average*	Index
--	Method 002.06	--
554	22.850	1.85
032	22.750 R	1.84
676	22.832	1.80
645	22.800	1.72
616	22.700	1.48
574	22.600	1.24
001	22.560	1.06
164	22.560	1.04
337	22.400 R	.98
098	22.500	.91
144	22.505	.88
646	22.495	.87
016	22.500	.87
139	22.485	.83
006	22.475	.82
345	22.470	.81
160	22.475	.80
185	22.460	.77
619	22.450	.74
205	22.450	.74
529	22.430	.68
039	22.433	.68
673	22.400	.65
171	22.400	.65
229	22.410	.62
672	22.400	.59
647	22.380	.53
003	22.355	.48
096	22.235	.48
413	22.350	.47
122	22.345	.45
202	22.345	.44
670	22.340	.42
033	22.325	.39
065	22.325	.38
029	22.290	.31
610	22.300	.31
589	22.290	.29
175	22.250	.22

* 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. - 200822 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 002.06 --	
300	22.220	.16
233	22.230	.16
590	22.195	.15
019	22.215	.14
034	22.230	.13
190	22.225	.12
051	22.220	.10
036	22.195	.10
504	22.205	.06
089	22.205	.05
366	22.200	.03
Avg	22.189	
148	22.175	-.04
682	22.185	-.04
049	22.155	-.10
009	22.175	-.16
630	22.170	-.18
278	22.150	-.18
693	22.130	-.20
309	22.130	-.20
119	22.100	-.30
592	22.095	-.33
843	22.065	-.36
357	22.065	-.39
021	22.065	-.40
037	22.145	-.42
726	22.065	-.43
598	22.020	-.47
512	22.005	-.51
660	22.185	-.52
208	22.000	-.53
142	22.000	-.53
106	22.000	-.53
100	22.000	-.55
010	21.990	-.58
045	22.000	-.59
687	22.000	-.59
226	22.000	-.59
199	21.970	-.63

Lab	Average*	Index
--	Method 002.06 --	
298	21.950	-.67
004	21.955	-.68
011	21.945	-.73
550	21.928	-.73
043	21.930	-.73
354	21.925	-.73
650	22.025	-.87
027	21.860	-.92
358	21.860	-.95
417	22.085 R	-.95
559	21.840	-.98
212	22.020 R	-1.11
720	21.805	-1.15
674	21.785	-1.23
596	21.750	-1.23
353	21.755	-1.24
571	21.743	-1.25
038	21.830 R	-1.30
692	21.850 R	-1.36
263	21.664	-1.46
588	21.665	-1.52
014	21.595	-1.68
505	21.585	-1.68
121	21.555	-1.77
294	21.860 R	-1.83
520	21.800 R	-1.99
539	21.310	-2.45
510	21.300	-2.49
242	21.250	-2.62
179	20.725 s	-4.09
--	Method 002.08 --	
610	22.100	1.04
160	21.995	.61
563	21.927	.30
Avg	21.859	
208	21.750	-.52
062	21.526	-1.64

Lab	Average*	Index
--	Method 002.10 --	
629	22.440	2.07
Avg	21.886	
675	21.825	-.25
619	21.800	-.49
688	21.750	-.54
596	21.750	-.54
546	21.750	-.56
727	21.460 R	-2.06
--	Method 002.11 --	
032	24.150 s	5.58
588	22.730	2.46
665	21.825	.57
011	21.700	.30
724	21.690	.23
Avg	21.610	
688	21.550	-.17
731	21.550	-.20
297	21.450	-.44
178	21.300	-.71
672	21.275	-.74
553	21.025	-1.29
--	Method 002.99 --	
573	22.330	1.47
305	22.135	.87
Avg	21.973	
035	21.965	-.04
643	21.955	-.39
724	21.815	-.63
536	21.635	-1.43
--	Method 003.00 --	
190	8.8900 S	4.07
307	8.5500 R	2.77
309	8.3800 R	1.90
596	8.3500	1.64
212	8.3150	1.46
039	8.2510	1.17

Lab	Average*	Index
--	Method 003.00 --	
139	8.2400	1.13
032	8.2100	1.02
187	8.1900	.95
015	8.1400	.71
033	8.1250	.60
175	8.0900	.44
354	8.0850	.43
616	8.0800	.40
142	8.0500	.35
563	8.0520	.29
164	8.0450	.25
512	8.0425	.23
048	8.0400	.22
179	8.0075	.20
Avg	7.9924	
106	7.9700	-.17
592	7.8800	-.51
152	7.8750	-.54
345	7.8250	-.80
726	7.8400	-.80
300	7.8150	-.87
265	7.7650	-1.10
132	7.7500	-1.11
026	7.6950	-1.36
353	7.6350	-1.64
337	7.4250	-2.58
--	Method 003.01 --	
504	7.6850	-.71
--	Method 003.04 --	
681	8.4000	.71
--	Method 003.06 --	
574	9.5100 s	8.87
588	8.3750	2.35
621	8.2150	1.44
294	8.1850	1.43
688	8.0500	.99

Lab	Average*	Index
--	Method 003.06 --	
658	7.9935	.66
684	8.0350	.49
552	8.0195	.42
511	8.0350	.42
669	8.0050	.26
581	7.9800	.20
229	7.9650	.20
625	7.9750	.11
199	7.9650	.09
Avg	7.9614	
009	7.9600	-.17
297	7.9150	-.27
169	7.9100	-.30
148	7.9050	-.32
559	7.9300	-.54
305	7.8350	-.72
122	7.8350	-.72
731	7.7650	-1.12
185	7.7350	-1.29
647	7.9100 R	-1.78
682	7.5250	-2.48
--	Method 003.09 --	
675	8.4250 s	3.71
630	8.1850	1.72
098	8.1550	1.33
673	8.1000	1.22
505	8.0500	1.13
004	8.1050	.89
722	8.1048	.89
723	8.1000	.86
263	8.0708	.59
001	8.0400 X	.47
002	8.0300	.25
Avg	8.0034	
633	7.9757	-.26
651	8.0025	-.28
350	7.9595	-.41
674	7.9550	-.43

* 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. - 200822 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 003.09 --	
653	7.9550	-.44
354	7.9250	-.70
013	7.9600	-.87
358	7.9000	-.91
656	8.0000	-1.05
029	7.9800	-1.33
510	7.8500	-1.41
226	7.8500	-1.41
121	7.8250	-1.57
027	7.8750 R	-1.90
590	6.9950 s	-8.93
--	Method 003.10 --	
554	8.9050 s	5.49
676	8.2985	2.31
233	8.1800	1.64
045	8.1600	1.58
366	8.0500	1.23
100	8.0850	1.15
062	7.9875	.61
693	7.9500	.59
051	7.9550	.55
178	7.9000	.55
672	7.9000	.55
596	7.9500	.48
651	7.9395	.35
098	7.9100	.29
363	7.8750	.24
242	7.8850	.15
034	7.8750	.08
629	7.8800	.06
Avg	7.8742	
208	7.8500	-.14
108	7.8650	-.14
573	7.8200	-.31
119	7.8150	-.32
202	7.7650	-.59
160	7.7550	-.64
720	7.7250	-.85
--	Method 003.10 --	
089	7.6950	-.95
727	7.7150	-1.02
619	7.7300	-1.03
623	7.6503	-1.19
520	7.6350	-1.44
598	7.4250	-2.41
591	7.3350 s	-3.25
--	Method 003.11 --	
731	7.8150	1.80
553	7.6750	1.04
011	7.6500	.88
665	7.5650	.36
Avg	7.5015	
688	7.5000	-.01
724	7.4800	-.16
672	7.3650	-.76
588	7.3550	-.86
297	7.3600	-.94
178	7.2500	-1.43
032	6.9500 S	-3.10
--	Method 003.12 --	
670	8.2850	.96
171	8.2000	.26
Avg	8.1783	
357	8.0500	-1.23
--	Method 003.13 --	
646	8.1200	.88
205	8.1110	.80
Avg	7.9515	
028	7.9100	-.21
660	7.6650	-1.43
--	Method 003.14 --	
021	8.5750	1.65
019	8.2200	.91
413	8.2000	.85
--	Method 003.14 --	
185	7.9350	.32
049	7.9550	.30
Avg	7.8243	
550	7.7925	-.11
529	7.7750	-.11
144	7.5150	-.69
278	7.1500	-1.48
175	7.1250	-1.53
--	Method 003.99 --	
724	8.7300	1.92
035	8.0200	.31
536	7.8900	.20
Avg	7.8833	
546	7.5700	-.71
047	7.5500	-.76
710	7.5400	-.78
--	Method 004.00 --	
647	3.6300 s	3.84
345	3.3500	3.02
596	3.0500 R	2.18
337	2.6600	.98
511	2.6500	.97
048	2.5750	.75
265	2.5700	.72
164	2.5500	.68
559	2.5300	.63
309	2.4750	.44
015	2.4500	.39
190	2.4450	.36
298	2.4400	.34
208	2.4050	.28
354	2.3300	.06
Avg	2.3264	
563	2.3150	-.08
510	2.2500	-.27
171	2.2050	-.37
169	2.1900	-.40
--	Method 004.00 --	
175	2.1850	-.45
199	2.1250	-.59
132	2.0500	-.82
726	1.9900	-.99
009	1.9800	-1.07
034	1.9150	-1.21
226	1.8000	-1.58
504	1.7250	-1.78
353	0.9450 s	-4.08
--	Method 004.01 --	
366	3.8500	.53
Avg	3.7225	
693	3.5950	-1.11
--	Method 004.03 --	
045	3.0150	.92
Avg	2.6950	
619	2.3750	-.81
--	Method 004.06 --	
720	3.5700 s	3.17
205	2.9850	1.59
027	2.9400 R	1.55
676	2.9460	1.41
029	2.9100	1.27
658	2.9210	1.26
178	2.8000	.94
588	2.8150	.94
656	2.6900	.64
674	2.5700	.52
675	2.6650	.51
354	2.6550	.49
710	2.6100	.35
621	2.5950	.31
722	2.5450	.16
723	2.4950	.05
688	2.5000	.03
Avg	2.5227	
--	Method 004.06 --	
673	2.4500	-.18
098	2.4200	-.20
038	2.4050	-.44
653	2.3400	-.45
591	2.3200	-.49
350	2.3083	-.52
672	2.4000	-.63
590	2.3050	-.75
670	2.1200	-1.24
610	1.9500	-1.56
731	1.8700	-1.79
598	1.6100 s	-2.54
--	Method 004.07 --	
019	3.5300 s	3.27
610	3.3000	2.63
278	3.2500	2.50
536	2.7950	1.32
144	2.7300	1.14
643	2.6500	.93
669	2.5950	.82
554	2.6000	.80
581	2.5700	.73
202	2.5200	.66
098	2.5200	.60
028	2.4000 R	.59
229	2.5100	.56
708	2.3950	.26
300	2.3100	.21
294	2.3500	.17
592	2.3500	.17
Avg	2.2942	
003	2.2350	-.23
307	2.2000	-.25
682	2.2000	-.25
160	2.1400	-.41
529	2.1250	-.45
185	2.1200	-.48
121	2.0900	-.54

* 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. - 200822 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 004.07	--
413	2.1000	-.57
096	2.0500	-.65
035	1.9700	-.85
013	1.9300	-.95
032	1.9350	-.96
026	1.9150	-.99
021	1.9150	-.99
505	1.9150	-1.03
100	1.8650	-1.12
089	1.8150	-1.25
004	1.7450	-1.46
520	1.3550 R	-2.56
--	Method 004.11	--
178	4.1500	1.51
032	3.7500	.82
672	3.6800	.69
588	3.3050	.04
Avg	3.2833	
665	3.2600	-.05
724	3.1750	-.22
688	3.1000	-.32
011	3.1000	-.36
731	3.2150 R	-.60
553	2.0300	-2.19
--	Method 004.99	--
724	2.4350	.86
Avg	2.0925	
629	1.7500	-.87
--	Method 005.00	--
413	5.2500 R	2.39
297	5.3000	2.35
723	5.2850	2.23
676	5.2785	2.14
062	5.1815 R	1.88
504	5.2400	1.76
592	5.2350	1.69

Lab	Average*	Index
--	Method 005.00	--
647	5.1400 R	1.60
148	5.2250	1.59
675	5.2200	1.54
726	5.2100	1.44
337	5.2050	1.39
591	5.2050	1.39
226	5.2000	1.33
672	5.2000	1.33
015	5.1850	1.30
720	5.1950	1.28
307	5.1850	1.26
588	5.1900	1.23
029	5.1850	1.18
629	5.1800	1.13
656	5.1750	1.10
278	5.1750	1.08
722	5.1720	1.05
646	5.1450	.95
693	5.1550	.91
363	5.1550	.87
185	5.1550	.87
731	5.1450	.81
108	5.1350	.81
682	5.1400	.72
590	5.1350	.71
669	5.1350	.67
559	5.1300	.65
119	5.1300	.62
045	5.1250	.62
510	5.1200	.60
305	5.1250	.58
004	5.1250	.57
622	5.1246	.56
242	5.1200	.52
619	5.1000	.37
229	5.0900	.37
520	5.0950	.36
653	5.0800	.32
152	5.1000	.31

Lab	Average*	Index
--	Method 005.00	--
688	5.1000	.31
357	5.1000	.31
625	5.1000	.31
651	5.0990	.30
660	5.0800	.23
563	5.0835	.16
100	5.0800	.15
132	5.0800	.10
Avg	5.0697	
350	5.0684	-.03
187	5.0650	-.07
633	5.0638	-.12
294	5.0600	-.14
298	5.0600	-.14
139	5.0550	-.16
505	5.0650	-.16
202	5.0450	-.26
171	5.0350	-.36
550	5.0325	-.39
048	5.0300	-.42
674	5.0300	-.45
623	5.0259	-.49
205	5.0470	-.50
038	5.0300	-.51
179	5.0195	-.51
083	5.0250	-.52
178	5.0500	-.55
309	5.0256	-.57
670	5.0200	-.59
616	5.0100	-.64
121	5.0050	-.66
034	5.0050	-.66
541	5.0050	-.68
366	5.0000	-.71
684	5.0000	-.72
098	5.0100	-.73
539	4.9950	-.76
300	4.9950	-.76
710	4.9950	-.78

Lab	Average*	Index
--	Method 005.00	--
354	4.9900	-.87
353	4.9900	-.91
658	4.9760	-.96
144	4.9800	-1.00
299	4.9792	-1.00
265	5.0000 R	-1.01
598	4.9700	-1.02
033	4.9700	-1.02
001	4.9650	-1.07
164	4.9650	-1.10
175	4.9650	-1.10
417	4.9600	-1.12
027	4.9600	-1.14
051	4.9500	-1.22
160	4.9500	-1.26
358	4.9450	-1.27
345	4.9450	-1.30
089	4.9400	-1.32
596	4.9500	-1.32
630	4.9400	-1.33
650	4.9400	-1.33
643	4.9400	-1.34
548	4.9350	-1.38
552	4.9300	-1.43
199	4.9300	-1.43
026	4.9200	-1.53
169	4.9150	-1.60
019	4.9250	-1.62
049	4.8000 R	-3.06
021	4.6900 s	-3.98
212	4.4800 s	-6.02
142	3.5000 s	-16.06
--	Method 005.02	--
610	5.1000	.00

Lab	Average*	Index
--	Method 005.11	--
178	5.4500 S	.00
588	6.4150 S	.00
665	5.5550 S	.00
672	5.9450 S	.00
688	5.8000 S	.00
724	5.6100 S	.00
731	5.8850 S	.00
Avg	0.0000	
--	Method 005.99	--
652	5.3000	1.65
681	5.2300	.90
727	5.2350	.89
536	5.1550	.84
673	5.2000	.53
Avg	5.1385	
035	5.1050	-.29
574	5.0950	-.83
096	5.0500	-.88
724	5.0250	-.99
208	4.9900	-1.29
--	Method 006.05	--
710	6.0400	.71
--	Method 008.02	--
226	6.9000 s	3.94
187	5.0700	1.79
405	4.4950	1.12
045	4.0300	.58
179	3.9535	.48
098	3.5500	.25
148	3.6250	.09
Avg	3.5470	
309	3.4450	-.16
726	3.3950	-.18
504	3.3450	-.24
038	3.1850	-.43
619	2.9200	-.74

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AAFCO - Feed Check Sample No. - 200822 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 008.02	--
353	1.5500	-2.36
--	Method 008.05	--
265	4.3000	.71
--	Method 008.08	--
001	7.1600 s	4.61
049	5.3600	2.15
510	4.9500	1.59
536	4.2550	.74
413	4.3000	.70
592	4.2700	.68
278	4.1500	.60
581	4.1150	.45
357	3.8500	.11
Avg	3.7859	
202	3.7800	-.04
294	3.7800	-.16
354	3.3900	-.54
160	3.1900	-.82
037	3.2050	-.83
004	3.1450	-.88
026	2.9450	-1.16
185	2.9250	-1.20
693	2.7500	-1.42
653	2.8650 R	-1.48
--	Method 008.99	--
358	4.0800	1.04
297	3.8700	.78
646	3.8300	.70
307	3.6500	.48
Avg	3.2471	
164	3.2000	-.13
674	2.0700	-1.40
647	2.0300	-1.45

Lab	Average*	Index
--	Method 009.04	--
504	15.770 S	5.98
726	9.9500	.71
Avg	9.9500	
--	Method 009.07	--
226	11.500	1.59
309	10.760	1.15
045	10.300	.83
297	10.010	.70
164	9.3000	.26
Avg	9.0211	
179	8.9770	-.06
307	8.9000	-.10
693	8.4150	-.51
187	7.6400	-.88
098	6.7400	-1.46
353	6.6900	-1.49
--	Method 009.09	--
299	15.823 s	6.38
536	11.500 R	2.51
185	10.850	1.89
357	9.8500	1.00
592	9.7350	.90
510	9.7000	.86
354	9.2700	.47
294	9.2300	.45
049	8.8700 R	.42
Avg	8.7471	
202	8.6950	-.07
265	8.6500	-.10
278	8.6500	-.16
581	8.4850	-.26
413	7.8500	-.82
037	7.3850	-1.23
160	7.2350	-1.36
653	6.8750	-1.68

Lab	Average*	Index
--	Method 009.99	--
619	15.550 S	6.28
673	9.7500	1.02
646	8.8650	.23
Avg	8.6567	
643	7.3550	-1.19
--	Method 010.03	--
027	7.9900	.87
Avg	7.1975	
546	6.4050	-.86
--	Method 010.11	--
672	9.7200	.86
688	9.6500	.71
588	9.6000	.60
724	9.5650	.53
Avg	9.3217	
178	8.7500	-1.23
212	8.6450	-1.45
731	7.7900 R	-3.33
--	Method 010.99	--
673	8.8000	1.24
724	8.6800	.59
417	8.6500	.51
726	8.6250	.46
337	8.6500	.44
Avg	8.5688	
037	8.4250	-.78
529	8.3700	-1.10
168	8.5350 R	-1.43
652	8.3500	-1.78
727	7.0900 s	-7.95
--	Method 011.01	--
643	90.350 s	206.57
305	12.125 s	6.87
121	11.918 s	6.32
723	11.790 s	6.00

Lab	Average*	Index
--	Method 011.01	--
541	10.420 R	2.61
108	10.080	1.68
843	10.080	1.64
233	10.035	1.52
363	10.010	1.45
242	9.9250	1.24
646	9.9200	1.23
132	9.8800	1.16
300	9.8850	1.14
122	9.8550	1.07
309	9.8050	.93
098	9.7900	.89
208	9.7800	.87
171	9.7700	.85
205	9.7365	.83
574	9.5350 R	.77
160	9.7150	.70
051	9.6000	.63
148	9.6850	.63
350	9.6671	.58
625	9.6650	.57
520	9.5550	.53
510	9.5000 R	.53
559	9.6250	.52
511	9.6200	.46
164	9.6150	.45
682	9.6100	.43
144	9.5900	.42
202	9.5900	.38
621	9.5850	.38
647	9.4950	.37
100	9.5800	.36
653	9.5700	.35
358	9.5700	.33
119	9.5700	.33
548	9.4850	.31
033	9.5550	.29
722	9.5363	.26
229	9.5400	.25

Lab	Average*	Index
--	Method 011.01	--
026	9.5350	.24
622	9.5238	.22
660	9.4600	.21
651	9.5110	.19
354	9.5000	.15
175	9.4500	.13
Avg	9.4412	
633	9.3813	-.16
185	9.2550	-.49
021	9.2500	-.50
152	9.2500	-.50
674	9.2400	-.52
539	9.3450	-.53
650	9.2200	-.63
552	9.1845	-.66
034	9.1200	-.82
062	9.0885	-.92
563	9.0820	-.92
675	9.0400	-1.03
596	9.0000	-1.13
710	8.9800	-1.18
598	8.9700	-1.20
658	8.9340	-1.30
670	8.8800	-1.43
298	8.8700	-1.46
294	8.7500	-1.77
226	8.7500	-1.81
179	8.6355	-2.06
591	8.4400	-2.56
623	8.4552	-2.56
--	Method 011.99	--
265	8.7200	.72
Avg	8.6400	
684	8.5600	-.99

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AAFCO - Feed Check Sample No. - 200822 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 012.00	--
548	38.510	1.23
672	37.800	.89
559	37.600 R	.88
354	36.630	.33
Avg	35.946	
653	35.635	-.17
673	34.500	-.71
178	32.600	-1.60
--	Method 012.01	--
179	35.495	.99
Avg	35.463	
185	35.430	-.71
--	Method 012.02	--
202	34.840	-.71
--	Method 012.03	--
297	35.510	.73
Avg	34.498	
684	33.485	-.98
098	30.300 S	-4.54
--	Method 012.04	--
051	39.450	1.76
160	36.950	.73
Avg	35.172	
353	34.505	-.29
038	34.125	-.43
510	33.300	-.77
278	32.700	-1.01
--	Method 012.11	--
672	37.180	.86
Avg	36.115	
178	35.050	-.87

Lab	Average*	Index
--	Method 012.99	--
588	37.425	.71
--	Method 013.02	--
675	10.130	2.07
354	9.7100	1.29
548	9.3200 R	.93
643	9.4850	.87
650	9.4750	.85
100	9.4150	.79
645	9.3500	.63
033	9.1650	.34
065	9.1650	.28
003	9.1300	.22
164	9.0700	.10
Avg	9.0161	
051	8.8300	-.37
616	8.8250	-.37
208	8.7700	-.46
026	8.6950	-.60
591	8.3600	-1.23
581	8.3600	-1.24
337	8.2550	-1.41
229	8.1000	-1.71
011	6.2900 s	-5.09
--	Method 013.10	--
660	9.5050	2.31
185	8.9000	1.00
656	8.6000 R	.65
160	8.7250	.38
539	8.6850	.32
177	8.6050	.13
096	8.6250	.13
688	8.6000	.05
Avg	8.5804	
652	8.5000	-.32
673	8.4000	-.45
672	8.4000	-.67
610	8.1000	-1.20

Lab	Average*	Index
--	Method 013.10	--
353	7.9200	-1.65
417	7.7300 s	-2.41
--	Method 013.12	--
672	8.5750	.71
--	Method 015.00	--
353	86.365	1.62
520	85.000	1.56
345	79.235	.53
164	76.000	.44
510	76.000	.30
Avg	75.598	
616	72.900	-.41
560	73.000	-.41
154	73.000	-.48
169	69.650	-.88
011	64.829	-1.59
--	Method 017.00	--
560	14.150	1.46
353	13.650	1.09
345	12.735	.32
Avg	12.339	
045	12.150	-.39
510	11.690	-.52
693	11.350	-.82
358	10.650	-1.41
--	Method 017.99	--
307	12.950	.71
--	Method 018.02	--
011	0.0938	.98
Avg	0.0869	
154	0.0800	-.73

Lab	Average*	Index
--	Method 019.00	--
647	1.0200 S	2.64
623	0.9375	1.52
552	0.9140	1.16
043	0.8900	.97
681	0.8350	.49
633	0.8644	.44
Avg	0.8328	
621	0.8150	-.26
625	0.8250	-.36
175	0.7600	-1.05
622	0.7558	-1.07
658	0.7310	-1.42
651	0.6120 S	-3.08
--	Method 019.01	--
720	0.9000	2.25
337	0.8700 R	1.68
354	0.8750	1.65
019	0.8100 R	1.44
169	0.8650	1.41
152	0.8650	1.41
656	0.8600	1.31
139	0.8455	.94
674	0.8450	.93
014	0.8445	.92
619	0.8440	.90
034	0.8400	.80
205	0.8295	.72
650	0.8350	.69
026	0.8250	.46
350	0.8239	.44
098	0.8150	.41
731	0.8200	.40
036	0.8215	.36
675	0.8200	.32
263	0.8182	.28
505	0.8100	.25
038	0.8130	.18
722	0.8114	.13

Lab	Average*	Index
--	Method 019.01	--
669	0.8070	.10
018	0.8080	.08
Avg	0.8064	
563	0.8030	-.10
178	0.8050	-.12
004	0.8050	-.19
208	0.7965	-.26
363	0.7950	-.30
001	0.7925	-.34
307	0.7900	-.46
670	0.7850	-.53
687	0.7850	-.53
588	0.7830	-.56
305	0.7800	-.63
039	0.7786	-.67
278	0.7750	-.76
065	0.7690	-.90
710	0.7550	-1.24
653	0.7555	-1.25
612	0.7450	-1.48
233	0.7250	-1.98
591	0.7185	-2.11
142	0.7000	-2.55
108	0.7050 R	-2.66
511	0.6600 S	-3.54
536	0.6500 A	-3.75
--	Method 019.03	--
307	0.9650 S	6.08
043	0.8550	1.35
036	0.8540	.43
Avg	0.8460	
026	0.8350	-.61
048	0.8400	-1.06
--	Method 019.05	--
265	0.8950	2.38
294	0.8750	1.87
003	0.8550 R	1.78

* 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. - 200822 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 019.05	--
226	0.8450	1.06
413	0.8450	.98
029	0.8411	.86
520	0.8350	.81
297	0.8300	.79
242	0.8350	.70
598	0.8350	.70
682	0.8350	.70
187	0.8339	.66
185	0.8315	.65
148	0.8325	.65
026	0.8290	.52
164	0.8250	.43
144	0.8195	.39
298	0.8200	.39
100	0.8150	.19
Avg	0.8105	
510	0.8000	-.30
011	0.7930	-.50
550	0.7880	-.64
171	0.7900	-.64
051	0.7850	-.73
300	0.7810	-.83
229	0.7800	-.86
512	0.7891	-.94
083	0.7750	-1.01
405	0.7750	-1.01
553	0.7700	-1.14
168	0.7700	-1.15
610	0.7665	-1.24
089	0.7600	-1.42
548	0.7477	-1.85
358	0.7400 R	-2.16
--	Method 019.08	--
723	1.0050 S	3.47
590	0.8950	.80
Avg	0.8625	
673	0.8300	-.93

Lab	Average*	Index
--	Method 019.09	--
035	1.0300 s	5.11
028	0.8850	1.71
202	0.8650	1.24
160	0.8635	1.21
190	0.8550	1.06
032	0.8450	.85
357	0.8400	.80
199	0.8449	.77
027	0.8420	.70
009	0.8150	.59
353	0.8150	.36
345	0.8255	.32
037	0.8200	.18
Avg	0.8121	
045	0.8090	-.10
572	0.8100	-.17
096	0.8100	-.24
560	0.8000	-.35
309	0.8021	-.47
726	0.7900	-.57
366	0.7600	-1.22
106	0.7565	-1.31
154	0.7568	-1.32
693	0.7355	-1.80
616	0.7335	-1.84
--	Method 019.99	--
588	0.9860 s	7.02
035	0.8150	1.25
692	0.8000	.81
724	0.7900	.40
Avg	0.7782	
121	0.7625	-.75
665	0.7750	-.85
676	0.7620	-1.18
047	0.7430	-1.20

Lab	Average*	Index
--	Method 020.00	--
722	5.6058	.87
Avg	4.6779	
164	3.7500	-.87
--	Method 020.01	--
096	4.5000	1.29
154	4.2000	.49
Avg	4.0451	
171	3.7000	-.34
011	3.7803	-.73
560	3.3450 s	-1.40
--	Method 020.99	--
616	4.7300	-.71
--	Method 021.01	--
619	1.6100 S	.00
--	Method 021.02	--
510	1.0550 s	5.62
154	0.7000	1.42
560	0.5990 R	1.20
038	0.6500	1.02
011	0.6443	.78
106	0.6050	.31
Avg	0.5795	
169	0.5450	-.41
693	0.5450	-.44
171	0.5000	-.94
572	0.4465	-1.57
616	0.0000 s	-6.85
--	Method 021.99	--
610	0.5695	.71
--	Method 022.01	--
175	152.00 s	3.35
337	146.50	2.32
013	140.00 R	1.68

Lab	Average*	Index
--	Method 022.01	--
646	137.83 R	1.32
675	137.99	1.01
178	134.50	.83
038	136.50	.78
653	135.19	.65
098	134.00	.61
505	135.00	.57
731	134.85	.54
590	132.98	.46
591	133.50	.33
278	133.50	.33
208	133.00	.29
307	132.50	.19
669	132.17	.14
350	131.50	.03
Avg	131.34	
720	130.50	-.26
588	129.00	-.35
004	129.00	-.35
722	128.56	-.42
354	128.90	-.55
619	125.50	-1.03
305	123.15	-1.25
014	121.00	-1.63
710	113.00	-2.78
674	75.000 s	-8.52
511	26.000 s	-15.95
--	Method 022.03	--
226	146.00	2.35
011	141.19	1.60
003	141.00	1.60
164	137.50	1.16
413	137.50	1.06
520	135.50	.90
265	136.00	.82
029	135.95	.81
553	133.50	.48
229	131.50	.26

Lab	Average*	Index
--	Method 022.03	--
148	132.00	.20
Avg	130.71	
100	130.00	-.19
300	129.25	-.31
405	128.50	-.34
187	127.38	-.51
610	126.70	-.62
548	126.82	-.66
358	125.48	-.80
512	126.20	-.80
185	125.50	-.83
629	125.50	-.88
510	125.00	-.92
171	124.50	-.97
083	124.00	-1.03
026	124.00	-1.12
242	122.00	-1.33
550	108.73 s	-3.45
598	101.50 s	-4.45
297	90.500 s	-6.20
--	Method 022.05	--
294	158.25	2.36
009	154.34 S	2.34
038	154.50	1.94
202	147.00	1.08
199	144.15	.77
160	143.00	.76
560	142.00	.51
357	140.50	.33
037	140.05	.28
190	139.83	.25
027	139.76	.24
Avg	137.64	
345	136.40	-.14
035	137.00	-.24
106	135.50	-.25
309	137.50	-.29
572	135.00	-.32

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AAFCO - Feed Check Sample No. - 200822 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 022.05	--
045	132.50	-.59
096	135.00 R	-.65
726	130.05	-.88
154	129.00	-1.09
616	128.00	-1.10
366	127.50	-1.16
169	127.00	-1.22
693	128.00 R	-1.30
353	123.65	-1.60
--	Method 022.99	--
121	134.17	1.06
035	132.00	.48
Avg	130.89	
692	126.50	-1.06
--	Method 023.01	--
619	0.0030	.00
--	Method 025.01	--
675	367.42	1.90
720	365.50	1.84
350	363.45	1.78
098	316.00 R	.64
505	324.00	.64
669	319.54	.51
013	311.00	.41
307	311.00	.33
208	312.00	.29
619	307.00	.25
646	306.88	.18
563	304.10	.07
Avg	305.51	
004	301.50	-.02
354	297.50	-.13
038	298.50	-.21
731	300.90	-.25
278	302.00	-.32
014	302.00	-.38
--	Method 025.01	--
175	288.00	-.42
722	285.91	-.47
511	282.00	-.58
670	273.50	-.89
591	270.50	-.92
710	232.50	-2.01
305	221.65 s	-2.33
--	Method 025.03	--
520	334.00 R	2.40
553	326.00	1.82
265	326.50	1.78
029	323.50	1.51
164	314.50	.99
297	299.50 R	.97
100	313.50	.92
148	312.00	.88
512	309.25	.74
083	307.00	.57
548	299.18	.50
026	302.50	.43
413	300.50	.18
Avg	297.79	
242	292.50	-.31
226	296.50	-.33
629	295.00	-.34
171	291.00	-.44
229	289.00	-.52
510	288.50	-.55
610	285.90	-.71
405	285.50	-.74
550	285.92	-.77
011	286.04	-.79
187	281.63	-.95
300	272.10	-1.51
598	263.00	-2.06
003	231.50 s	-3.94
--	Method 025.05	--
035	365.50	2.19
294	343.70	1.52
038	338.00	1.27
366	329.00	.97
199	324.90	.83
037	315.55	.52
045	309.50	.34
345	305.35	.19
096	300.00	.01
Avg	299.84	
693	295.00	-.17
572	290.50	-.32
169	288.00	-.40
309	282.50	-.58
106	276.50	-.79
560	273.50	-.90
154	268.00	-1.12
190	265.06	-1.15
160	277.50 R	-1.17
353	263.70	-1.20
726	262.75	-1.28
616	13.200 s	-9.50
--	Method 025.99	--
035	323.50	1.25
Avg	302.74	
121	294.21	-.55
692	290.50	-.80
--	Method 026.00	--
154	0.1500	.87
Avg	0.0750	
591	0.0000	-.87
--	Method 027.01	--
337	0.2050 s	3.21
650	0.1932	1.81
720	0.1900	1.45
169	0.1850	1.05
--	Method 027.01	--
675	0.1850	1.05
098	0.1850	1.05
139	0.1856	.94
038	0.1815	.70
263	0.1830	.65
731	0.1820	.53
065	0.1815	.51
669	0.1810	.48
619	0.1805	.40
646	0.1800	.31
278	0.1800	.31
307	0.1800	.31
208	0.1790	.19
722	0.1786	.18
350	0.1788	.17
Avg	0.1773	
014	0.1765	-.11
563	0.1740	-.39
175	0.1750	-.63
505	0.1750	-.63
305	0.1750	-.63
013	0.1725	-.68
033	0.1705	-.78
710	0.1650	-1.52
588	0.1640	-1.52
004	0.1625	-1.69
142	0.1600	-1.98
674	0.1600	-1.98
--	Method 027.03	--
265	0.1900	2.01
520	0.1900	2.01
413	0.1850	1.47
164	0.1850	1.47
011	0.1839	1.10
512	0.1803	.91
171	0.1795	.57
100	0.1800	.51
242	0.1800	.51
187	0.1791	.37
Avg	0.1766	
148	0.1765	-.23
029	0.1750	-.28
553	0.1745	-.39
026	0.1745	-.39
610	0.1740	-.39
185	0.1718	-.75
297	0.1750	-.79
405	0.1750	-.79
229	0.1750	-.79
294	0.1750	-.79
300	0.1710	-.89
548	0.1708	-.92
051	0.1700	-.99
598	0.1700	-.99
083	0.1700	-.99
510	0.1700	-.99
550	0.1675	-1.38
358	0.1550 s	-3.32
--	Method 027.05	--
035	0.2250 s	8.24
726	0.1950 s	4.07
009	0.1900 R	2.91
345	0.1880	2.06
693	0.1865	1.80
037	0.1850 R	1.76
038	0.1810	.90
357	0.1800	.72
027	0.1795	.65
160	0.1789	.64
199	0.1795	.63
309	0.1770	.28
Avg	0.1756	
572	0.1740	-.32
154	0.1748	-.36
560	0.1740	-.43
106	0.1710	-.79

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AAFCO - Feed Check Sample No. - 200822 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 027.05	--
616	0.1705	-.86
096	0.1700	-.94
366	0.1700	-.94
202	0.1700	-.94
353	0.1700	-.94
045	0.1670	-1.44
--	Method 027.99	--
003	0.2100 S	7.83
035	0.1800	.82
Avg	0.1765	
121	0.1745	-.58
692	0.1750	-1.22
--	Method 028.00	--
358	84.760	.71
--	Method 028.01	--
675	106.45	1.70
731	104.05	1.35
208	102.50	1.13
619	101.00	.93
590	99.880	.76
505	99.500	.71
563	99.085	.64
014	98.500	.57
098	96.500	.45
720	97.000	.45
307	97.000	.37
337	96.150	.25
Avg	94.543	
350	94.100	-.06
629	94.000	-.16
674	94.000	-.16
038	94.500	-.21
004	91.500	-.48
588	90.000	-.64
178	87.500	-1.00
722	85.007	-1.36
--	Method 028.01	--
710	85.000	-1.36
175	81.000	-1.92
354	80.270	-2.02
305	59.090 s	-5.03
278	0.9800 s	-13.26
--	Method 028.03	--
265	111.50 s	5.46
003	110.00 s	4.84
100	101.50	1.99
520	99.000	1.14
242	98.500	.99
548	98.147	.91
164	97.500	.81
512	97.265	.81
229	97.000	.58
026	96.700	.52
550	97.007	.49
148	97.000	.47
510	97.000	.47
029	96.765	.44
Avg	95.606	
011	95.160	-.30
553	94.450	-.39
083	95.000	-.39
413	95.200	-.39
171	94.500	-.41
187	93.155	-.82
185	93.500	-.87
610	92.800	-1.00
598	92.500	-1.16
297	95.500 R	-1.85
300	89.780	-1.99
405	89.500	-2.06
226	0.1800 s	-32.04
--	Method 028.05	--
035	137.50 s	6.99
294	125.05 s	4.83
309	104.00 R	2.01
357	107.50	1.46
190	105.67	1.12
037	105.20	1.06
045	104.00	.81
345	103.85	.79
038	103.50	.73
202	103.00	.65
160	102.85	.62
366	102.00	.48
560	100.30	.34
009	100.60	.29
Avg	99.595	
726	97.940	-.32
353	97.800	-.46
096	97.000	-.51
106	95.300	-.83
169	94.150	-1.02
154	98.500 R	-1.21
693	92.150	-1.37
616	91.350	-1.52
572	88.150	-2.11
--	Method 028.99	--
121	97.805	.87
035	100.50	.82
Avg	96.768	
692	92.000	-1.03
--	Method 029.00	--
675	0.0035	.71
--	Method 031.01	--
723	0.7600 s	3.96
591	0.7190 R	2.05
354	0.7150	1.73
646	0.7100	1.46
--	Method 031.01	--
625	0.7100	1.46
731	0.7100	1.46
108	0.7000 R	1.39
651	0.7075	1.33
653	0.7035	1.14
623	0.7035	1.13
139	0.7015	1.03
622	0.6999	.96
337	0.7000	.96
142	0.7000	.96
363	0.7000	.96
619	0.6975	.84
621	0.6950	.75
650	0.6950	.75
018	0.6920	.63
036	0.6925	.58
178	0.6900	.46
674	0.6900	.46
710	0.6850	.32
001	0.6860	.30
563	0.6857	.26
669	0.6850	.21
Avg	0.6809	
278	0.6800	-.04
675	0.6800	-.04
647	0.6800	-.04
263	0.6795	-.07
169	0.6750	-.39
305	0.6750	-.39
038	0.6740	-.40
588	0.6730	-.41
350	0.6717	-.46
175	0.6800	-.50
233	0.6700	-.54
065	0.6670	-.70
205	0.6710	-.70
098	0.6700	-.74
596	0.6650	-.83
665	0.6650	-.83
--	Method 031.01	--
026	0.6650	-.83
633	0.6633	-.89
034	0.6600	-1.05
687	0.6600	-1.05
152	0.6600	-1.05
511	0.6600 R	-1.45
670	0.6500	-1.55
658	0.6500	-1.55
722	0.6489	-1.70
039	0.6450	-1.81
019	0.6450 R	-2.51
656	0.6300	-2.60
016	0.5030 s	-8.93
--	Method 031.02	--
004	0.7050	1.33
013	0.7000	.62
043	0.6950	.58
Avg	0.6946	
014	0.6895	-.59
011	0.6835	-1.29
505	0.6750 s	-2.84
--	Method 031.03	--
720	0.7350	1.57
208	0.7090	.88
043	0.6950	.64
026	0.6850	.28
Avg	0.6758	
036	0.6620	-.36
307	0.6550	-.56
047	0.6450	-1.05
048	0.6200	-1.49
--	Method 031.05	--
038	0.7350	2.26
003	0.7250	1.85
309	0.7210	1.75
029	0.7159	1.48

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AAFCO - Feed Check Sample No. - 200822 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 031.05 --		--	Method 031.05 --		--	Method 032.01 --		--	Method 032.05 --		--	Method 032.05 --	
265	0.7150	1.45	190	0.6650	-.86	536	0.9230	.34	560	0.9150	.73	051	0.7550 S	-2.64
520	0.7150	1.45	548	0.6582	-.91	205	0.9235	.33	297	0.9100	.65			
160	0.7111	1.35	171	0.6600	-.91	208	0.9225	.30	357	0.9100	.65	--	Method 032.99 --	
357	0.7100	1.29	294	0.6600	-.91	505	0.9150	.18	026	0.9085	.65	035	0.9200	.87
032	0.7050	1.04	199	0.6565	-.96	278	0.9100	.05	148	0.9105	.64	Avg	0.8900	
164	0.7050	1.04	726	0.6550	-1.04	Avg	0.9072		164	0.9050	.53	692	0.8600	-.87
226	0.6950	.87	185	0.6720 R	-1.15	307	0.9000	-.24	096	0.9050	.53			
148	0.7000	.84	121	0.6525	-1.15	004	0.8945	-.25	413	0.9050	.53	--	Method 033.00 --	
598	0.7000	.82	358	0.6650 R	-1.19	675	0.9050	-.30	726	0.9000	.47	297	0.7360	2.56
027	0.6970	.72	089	0.6500	-1.22	650	0.8950	-.38	154	0.8931	.34	366	0.6700	.87
297	0.6900	.58	100	0.6450	-1.44	139	0.8845	-.45	610	0.8900	.23	675	0.6650	.75
512	0.6884	.55	353	0.6450	-1.44	350	0.8678	-.77	229	0.8850	.16	588	0.6600	.61
560	0.6890	.42	300	0.6355	-1.89	038	0.8625 R	-1.00	199	0.8854	.15	298	0.6550	.50
572	0.6855	.41	154	0.6301	-2.11	710	0.8550	-1.03	171	0.8860	.15	Avg	0.6360	
096	0.6900	.41	009	0.6300 S	-2.38	563	0.8539	-1.05	Avg	0.8790		596	0.6350	-.13
298	0.6800	.41				619	0.8210	-1.69	011	0.8754	-.07	160	0.6300	-.15
610	0.6885	.35	--	Method 031.06 --		670	0.8000	-2.12	083	0.8750	-.13	045	0.6270	-.26
106	0.6880	.34	536	0.7750 S	.00	142	0.7200 s	-3.68	366	0.8700	-.18	512	0.6241	-.31
345	0.6880	.33							510	0.8700	-.27	169	0.6100	-.71
616	0.6870	.29	--	Method 031.99 --		--	Method 032.02 --		045	0.8595	-.39	309	0.6075	-.77
413	0.6850	.29	028	0.7200	1.16	169	0.9850	1.45	029	0.8576	-.43	034	0.6050	-.81
051	0.6850	.29	676	0.7110	.92	731	0.9450	.64	187	0.8565	-.45	511	0.5950	-1.12
202	0.6800	.00	590	0.6900	.37	Avg	0.9135		553	0.8540	-.51	208	0.6005 R	-1.27
Avg	0.6799		588	0.6945	.35	588	0.8800	-.68	144	0.8745	-.54	693	0.5845	-1.33
405	0.6750	-.29	Avg	0.6841		590	0.8726	-.84	309	0.8550	-.57	353	0.6000 R	-1.38
682	0.6750	-.29	724	0.6800	-.13	665	0.8850	-.91	353	0.8500	-.61	358	0.4450 s	-4.91
083	0.6750	-.29	035	0.6800	-.13	108	0.7200 S	-3.92	693	0.8470	-.64	539	0.4050 s	-5.93
693	0.6785	-.31	552	0.6825	-.18				100	0.8450	-.69			
550	0.6700	-.41	692	0.6150	-2.23	--	Method 032.05 --		035	0.8400	-.78	--	Method 033.01 --	
144	0.6795	-.51	673	0.5650 S	-3.87	405	1.0350 A	3.13	616	0.8375	-.83	710	0.7750 s	6.40
510	0.6700	-.57				345	0.9775	1.97	009	0.8350 R	-1.12	337	0.7500 s	5.09
037	0.6650	-.64	--	Method 032.01 --		226	0.9700	1.83	300	0.8219	-1.17	278	0.7000	2.38
035	0.6650	-.64	337	1.0450	2.71	160	0.9478	1.47	548	0.8176	-1.27	226	0.6950	2.13
229	0.6650	-.64	720	0.9600	1.05	520	0.9450	1.35	242	0.8150	-1.28	098	0.6900	1.85
242	0.6650	-.64	175	0.9450	.80	038	0.9400	1.24	106	0.7950	-1.68	100	0.6700	.78
553	0.6650	-.66	591	0.9445	.73	037	0.9350	1.16	358	0.8000 R	-1.69	178	0.6700	.78
045	0.6620	-.74	354	0.9350	.62	294	0.9350	1.12	550	0.7870	-1.84	610	0.6675	.66
366	0.6600	-.81	033	0.9340	.53	265	0.9250	1.05	003	0.7750	-2.08	026	0.6650	.58
187	0.6588	-.86	098	0.9250	.46	572	0.9200	.83	185	0.7730	-2.13	175	0.6650	.58

* 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. - 200822 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 033.01	--
096	0.6650	.58
019	0.6650	.58
039	0.6648	.50
185	0.6613	.31
205	0.6610	.30
202	0.6600	.24
Avg	0.6555	
629	0.6550	-.27
233	0.6500	-.29
413	0.6500	-.29
307	0.6450	-.62
048	0.6450	-.62
650	0.6450	-.62
354	0.6450	-.62
029	0.6450	-.62
590	0.6550 R	-.80
510	0.6400	-.83
559	0.6400	-.83
242	0.6400	-.83
229	0.6400	-.83
164	0.6400	-.99
021	0.6510 R	-1.07
106	0.6300	-1.36
011	0.6271	-1.52
199	0.6277	-1.53
004	0.5250 s	-7.11
--	Method 033.03	--
598	0.8300 S	4.32
726	0.6550	1.19
190	0.6400	.91
505	0.5950	.82
Avg	0.5908	
122	0.5600	-.66
144	0.5350	-1.01
674	0.5600	-1.06
265	0.4000 S	-3.45
--	Method 033.05	--
171	0.6200	.71
--	Method 033.99	--
574	1.7500 S	15.43
630	1.4700 S	11.74
681	0.8650 S	3.90
731	0.7100	1.64
051	0.6400	.71
003	0.5900	.40
673	0.6000	.18
Avg	0.6069	
552	0.5525	-.45
619	0.5490	-.56
121	0.4650 S	-1.61
723	0.2850 S	-4.00
--	Method 034.01	--
038	0.4745	-.71
--	Method 034.03	--
512	0.4507	.71
--	Method 034.04	--
026	0.5600 s	3.35
610	0.4860	1.50
171	0.4550	.81
572	0.4275	.19
Avg	0.4262	
164	0.4200	-.16
190	0.4200	-.29
169	0.4200	-.29
208	0.3550	-1.83
--	Method 034.05	--
693	1.5800 S	13.97
560	0.4840	.66
Avg	0.4295	
154	0.3750	-1.03
629	0.1580 S	-3.30
--	Method 034.99	--
047	0.6215	.87
Avg	0.5307	
098	0.4400	-.86
--	Method 035.00	--
710	0.2350	2.36
670	0.2250	1.67
152	0.2250	1.67
720	0.2150	.99
263	0.2142	.87
619	0.2090	.66
305	0.2100	.57
098	0.2050	.42
650	0.2050	.42
175	0.2050	.42
675	0.2050	.42
307	0.2050	.42
354	0.2050	.42
139	0.2055	.28
Avg	0.2018	
233	0.2000	-.13
038	0.1985	-.29
208	0.1940	-.55
656	0.1950	-.59
278	0.1950	-.59
505	0.1950	-.59
205	0.1965	-.65
004	0.1907	-.78
142	0.1900	-.83
591	0.1855	-1.15
363	0.1850	-1.23
722	0.1784	-1.65
065	0.1770	-1.75
--	Method 035.01	--
563	0.2119	.80
Avg	0.2035	
647	0.1950	-.93
--	Method 035.03	--
265	0.2500 A	3.87
051	0.2450 s	3.67
003	0.2300 R	2.54
598	0.2250 R	2.34
187	0.2276	2.27
413	0.2200	1.73
202	0.2200	1.73
616	0.2160	1.46
144	0.2150	1.41
345	0.2140	1.32
726	0.2050 R	1.26
226	0.2100	1.01
550	0.2065	.83
190	0.2050	.75
297	0.2050	.75
164	0.2050	.75
083	0.2050	.75
011	0.2041	.59
029	0.2033	.59
160	0.1961	.44
037	0.2000	.30
520	0.2000	.30
572	0.1985	.22
Avg	0.1958	
553	0.1945	-.10
300	0.1940	-.19
548	0.1934	-.21
148	0.1930	-.21
038	0.1950	-.22
298	0.1950	-.36
199	0.1908	-.39
100	0.1900	-.42
035	0.1900	-.42
229	0.1900	-.42
405	0.1900	-.42
242	0.1900	-.42
089	0.1900	-.42
096	0.1900	-.42
610	0.1895	-.45
--	Method 035.03	--
309	0.1875	-.62
693	0.1865	-.71
045	0.1855	-.74
682	0.1850	-.85
353	0.1850	-.85
154	0.1830	-.92
510	0.1825	-.97
358	0.1750	-1.53
185	0.1643	-2.25
366	0.1600	-2.56
--	Method 035.05	--
169	0.2450	2.14
294	0.2250	1.06
106	0.2195	.72
337	0.2150	.54
Avg	0.2065	
665	0.2050	-.29
588	0.1995	-.39
731	0.1980	-.47
171	0.1980	-.48
108	0.1950	-.69
560	0.1865	-1.16
629	0.1850	-1.22
--	Method 035.99	--
536	1.0045 S	42.33
035	0.2350	1.22
Avg	0.2128	
588	0.2035	-.52
692	0.2000	-.87
--	Method 036.00	--
307	0.2550	1.51
Avg	0.2378	
297	0.2300	-.30
033	0.2285	-.36

* 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. - 200822 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 036.03	--
154	0.3679 s	5.86
106	0.2670	1.35
038	0.2600	1.05
169	0.2600	1.04
357	0.2600	1.04
560	0.2520	.70
708	0.2510	.66
202	0.2500	.61
345	0.2470	.48
187	0.2468	.47
294	0.2450	.45
160	0.2456	.44
171	0.2385	.12
Avg	0.2361	
045	0.2285	-.33
693	0.2245	-.51
300	0.2220	-.62
265	0.2200	-.70
353	0.2150	-.95
366	0.2100	-1.14
616	0.2020	-1.49
550	0.1775	-2.57
--	Method 036.04	--
592	0.3400 S	16.55
510	0.2450	.87
226	0.2450	.87
Avg	0.2450	
--	Method 037.01	--
675	595.57 s	15.88
653	371.06	2.50
014	367.50 R	2.45
337	353.00	1.41
019	348.50	1.16
669	347.91	1.14
038	343.50	.93
731	342.00	.79
612	337.50	.74
--	Method 037.01	--
722	341.84	.74
590	338.00	.52
278	331.40	.44
039	336.15	.40
563	334.50	.31
307	331.00	.20
720	332.00	.20
Avg	329.40	
591	328.50	-.10
013	326.50	-.23
505	324.50	-.31
098	325.00	-.35
208	321.00	-.52
175	322.00	-.57
350	319.65	-.58
178	319.00	-.66
588	316.50	-.77
004	316.50	-.77
305	316.64	-.79
674	307.00	-1.34
354	298.05	-1.87
710	294.00	-2.11
511	255.50 s	-4.42
--	Method 037.03	--
265	360.00	1.96
226	358.50	1.91
011	349.23	1.20
168	338.00 R	1.09
185	334.00	.87
171	343.00	.86
548	342.25	.81
520	342.50	.76
413	339.50	.59
164	335.00	.53
100	338.50	.50
029	336.15	.39
598	336.50	.37
003	334.50	.26
--	Method 037.03	--
083	332.00	.10
Avg	330.87	
187	329.61	-.08
510	330.50	-.10
148	324.50	-.42
242	323.50	-.48
629	325.00	-.50
610	322.80	-.53
026	324.50	-.55
553	324.00	-.60
229	320.50	-.70
512	320.40	-.79
550	307.28	-1.54
358	303.04	-1.84
297	307.50 R	-2.03
300	296.35	-2.26
405	251.50 s	-5.20
--	Method 037.05	--
035	452.00 s	6.38
616	375.50	2.27
028	359.50	1.49
357	353.00	1.09
202	349.00	.89
353	348.15	.82
027	340.82	.63
169	343.50	.56
106	342.50	.51
160	340.45	.45
096	340.00	.37
037	338.60	.34
009	335.10	.13
190	335.25	.11
199	334.35	.07
Avg	333.16	
032	329.00	-.25
294	332.80	-.45
726	324.93	-.46
045	324.50	-.47
--	Method 037.05	--
345	324.08	-.50
572	324.00	-.52
560	323.50	-.52
309	313.50	-1.11
366	304.00	-1.58
693	299.50	-1.81
154	293.50	-2.13
--	Method 037.99	--
047	318.50	1.32
Avg	312.00	
035	310.50	-.25
692	307.00	-.84
121	0.1850 S	-48.60
--	Method 038.00	--
300	2.0285 S	3.00
693	1.9250	1.10
154	1.9000	1.06
510	1.7000	.44
Avg	1.6600	
038	1.6000	-.25
560	1.5850	-.31
169	1.2500	-1.68
--	Method 038.99	--
164	2.0500	.71
--	Method 039.01	--
164	2.0500	.97
Avg	2.0025	
591	1.9550	-.75
--	Method 039.02	--
154	2.6000	1.09
Avg	2.3982	
560	2.3600	-.73
011	2.2345	-.88
--	Method 040.00	--
560	3.9700	.71
--	Method 041.00	--
011	1.3123	.86
Avg	1.1136	
154	0.9150	-.87
--	Method 050.01	--
028	0.0060	1.74
001	0.0059	1.37
003	0.0054	.28
014	0.0055	.23
610	0.0054	.07
Avg	0.0054	
027	0.0053	-.24
846	0.0053	-.27
033	0.0053	-.51
043	0.0052	-.67
019	0.0047	-1.91
--	Method 101.01	--
208	898.50	.71
--	Method 102.00	--
208	25.540	.71
--	Method 103.99	--
208	33.320	.71
--	Method 104.00	--
171	7.7000	.89
Avg	6.7225	
208	5.7450	-.84
--	Method 106.00	--
171	5.1250	.71

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AAFCO - Feed Check Sample No. - 200822 Senior Pig Starter, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 106.02	--
675	16.485 s	22.74
616	5.3300	1.58
610	4.8950	.79
208	4.5850	.61
563	4.8125	.60
676	4.7800	.54
619	4.7300	.49
670	4.7450	.48
Avg	4.4915	
096	4.4000	-.31
021	4.2350	-.62
160	4.1300	-.68
199	3.9500	-1.00
004	3.3050	-2.23
560	2.3600 s	-3.94
--	Method 107.00	--
208	21.565	.71
--	Method 108.02	--
560	19.800 R	125.21
675	1.0700	1.09
208	0.9100	.14
Avg	0.9052	
676	0.7355	-1.14
--	Method 109.02	--
208	185.86 s	5.04
676	142.27	.90
199	142.70	.85
610	139.85	.57
Avg	134.02	
619	133.50	-.07
563	129.66	-.43
675	116.14	-1.86
560	31.450 s	-9.98

Lab	Average*	Index
--	Method 109.99	--
096	166.50	.71
--	Method 112.00	--
208	7.7200	.71
--	Method 113.01	--
208	2.4150	.71
--	Method 114.01	--
208	0.1170	.00
--	Method 120.00	--
684	1.1285	1.24
619	1.1350	.96
350	1.1345	.83
Avg	1.1255	
571	1.1250	-.45
504	1.1150	-1.04
675	1.1150	-1.04
652	1.0950 R	-4.15
160	0.9837 s	-12.85
--	Method 120.05	--
668	1.0900	.71
--	Method 121.00	--
619	1.5300	1.56
571	1.5000	.92
684	1.4615 R	.45
652	1.4650	.36
160	1.4609	.08
Avg	1.4572	
504	1.4400	-.37
675	1.4150	-.91
350	1.3895	-1.46

Lab	Average*	Index
--	Method 121.05	--
668	1.4400	.71
--	Method 122.00	--
684	2.2385	1.31
675	2.1700	1.04
619	2.2150	.73
652	2.1750	.62
571	2.1750	.23
676	2.1710	.19
Avg	2.1583	
504	2.0850	-1.11
350	2.0365	-1.57
160	1.8138 s	-4.44
--	Method 122.05	--
668	2.0250	.71
--	Method 124.00	--
160	0.6474 s	9.70
675	0.4000	1.69
684	0.3730 R	.92
652	0.3600	.40
350	0.3485	.04
Avg	0.3475	
571	0.3470	-.16
619	0.3245	-.74
504	0.3050	-1.38
--	Method 124.05	--
610	0.3450	.87
Avg	0.2700	
668	0.1950	-.87
--	Method 125.00	--
684	4.1235	1.60
675	4.0700	1.16
619	4.0000	.61
160	3.9508	.22
571	3.9250	.12

Lab	Average*	Index
--	Method 125.00	--
Avg	3.9234	
350	3.8520	-.56
676	3.8490	-.60
504	3.7800	-1.19
652	3.7600	-1.43
--	Method 125.05	--
668	3.8250	-.71
--	Method 126.00	--
684	1.0570	1.67
619	1.0550	1.08
571	1.0450	.58
Avg	1.0351	
160	1.0261	-.51
676	1.0285	-.53
675	1.0250	-.59
504	1.0200	-.79
350	1.0245	-1.31
652	1.0100 s	-2.05
--	Method 126.05	--
668	1.0100	.71
--	Method 127.00	--
160	0.7835 s	6.17
676	0.6485	2.23
652	0.5850	.40
619	0.5830	.31
Avg	0.5723	
504	0.5650	-.26
571	0.5575	-.44
350	0.5505	-.64
684	0.5485	-.78
675	0.5400	-.99

Lab	Average*	Index
--	Method 127.05	--
668	0.6000	-.71
--	Method 128.00	--
504	0.9350	1.58
619	0.9100	.93
571	0.8815	.41
684	0.8900	.41
160	0.8764	.14
Avg	0.8740	
676	0.8665	-.19
652	0.8650	-.91
350	0.8270	-1.30
675	0.8150	-1.49
--	Method 128.05	--
668	0.8800	.71
--	Method 129.00	--
619	1.8550	1.45
504	1.8450	1.00
684	1.8260	.64
676	1.8345	.59
Avg	1.8232	
571	1.8150	-.43
160	1.8156	-.56
350	1.8045	-.85
675	1.7900	-1.56
652	1.7750 s	-3.29
--	Method 129.05	--
668	1.7650	-.71
--	Method 130.00	--
674	1.7650 s	10.36
512	1.4670	1.73
160	1.4664	1.66
619	1.4250	.66
038	1.4070	.26
Avg	1.3980	

* 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 130.00	--
676	1.3905	-.18
208	1.3900	-.19
504	1.3950	-.37
675	1.3800	-.43
350	1.3755	-.55
571	1.3750	-.57
171	1.3850	-.68
652	1.3200	-1.94
684	1.3160 R	-2.20
--	Method 130.05	--
027	1.5930 S	1.64
029	1.5200	.94
723	1.4950	.48
Avg	1.4450	
668	1.3200	-1.18
--	Method 131.00	--
160	0.5205 s	5.54
512	0.4537	1.74
675	0.4250	.84
571	0.4300	.48
652	0.4250	.31
Avg	0.4224	
350	0.4160	-.36
504	0.4050	-1.00
619	0.4020	-1.15
684	0.4035 R	-2.42
--	Method 131.05	--
610	0.4200	.00
668	0.2950 S	.00
Avg	0.4200	
--	Method 131.99	--
208	0.3750	.71
--	Method 132.00	--
160	1.1393	1.53
619	1.1250	1.24
571	1.0750	.24
676	1.0745	.21
350	1.0675	.10
Avg	1.0642	
504	1.0600	-.22
684	1.0265	-.79
652	1.0200	-1.09
675	0.9900	-1.63
--	Method 132.05	--
668	1.0100	.71
--	Method 133.00	--
160	1.3586	1.19
619	1.3550	1.12
652	1.3050	1.05
684	1.3265	.90
Avg	1.2973	
676	1.2785	-.36
571	1.2800	-.38
675	1.2450	-.99
504	1.2300	-1.28
--	Method 133.05	--
668	1.3250	-.71
--	Method 134.00	--
160	1.0959	.97
619	1.0800	.73
675	1.0800	.73
571	1.0750	.64
684	1.0555	.33
676	1.0475	.19
Avg	1.0362	
350	0.9970	-.67
652	0.9950	-.68
504	0.9000	-2.24
--	Method 134.05	--
668	1.0600	.71
--	Method 135.00	--
684	0.9060	1.09
652	0.9000	.93
619	0.9160	.91
571	0.9105	.65
675	0.9000	.48
676	0.9035	.32
160	0.8996	.18
Avg	0.8970	
350	0.8870	-.46
504	0.8500	-2.15
--	Method 135.05	--
668	0.8950	.71
--	Method 136.00	--
684	0.2690	.71
--	Method 136.01	--
160	0.2935	1.20
571	0.2750	.56
Avg	0.2587	
619	0.2415	-.60
208	0.2250	-1.18
--	Method 136.99	--
504	0.2600	.86
Avg	0.2568	
610	0.2535	-.87
--	Method 137.00	--
160	0.8749	1.61
676	0.8065	.68
684	0.7670	.13
Avg	0.7577	
504	0.7200	-.54
350	0.7130	-.62
675	0.6650	-1.32
--	Method 137.05	--
668	0.6050	.71
--	Method 138.00	--
504	1.0650	1.51
619	1.0550	1.29
571	1.0200	.65
684	1.0005	.31
Avg	0.9874	
676	0.9865	-.05
160	0.9756	-.22
350	0.9390	-.92
675	0.9300	-1.11
652	0.9150	-1.38
--	Method 138.05	--
668	0.9500	.71
--	Method 139.00	--
504	0.0000	.00
--	Method 300.01	--
651	0.5500	-.71

Lab	Average*	Index

* 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. - 200822 Senior Pig Starter, Medicated

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	0.2420	1.20	0.25	009.07	11	0.0000	1.01	0.18
001.03	3	0.0000	1.09	0.19	009.09	17	0.5261	1.86	0.22
001.07	33	-0.1994	1.85	0.32	009.99	4	1.5696	3.27	0.17
001.08	2	0.0000	1.09	0.40	010.03	2	0.0000	1.22	0.06
001.99	15	-0.1254	1.95	0.35	010.11	7	-0.4693	1.57	0.21
002.00	3	0.0000	1.12	0.06	010.99	10	-0.8082	2.61	0.70
002.01	11	0.9438	2.27	1.42	011.01	72	3.1755	24.36	0.23
002.02	9	-0.3691	1.44	0.50	011.99	2	0.0000	0.99	0.51
002.03	3	-0.8528	1.70	0.26	012.00	7	0.1132	1.00	0.16
002.04	3	0.0000	1.00	0.40	012.01	2	0.0000	0.20	0.85
002.05	16	0.0000	0.99	0.23	012.03	3	-1.0084	1.89	1.99
002.06	115	0.0464	1.21	0.47	012.04	6	0.0000	1.04	0.08
002.08	5	0.0000	0.98	0.36	012.11	2	0.0000	1.20	0.17
002.10	7	-0.2275	1.11	0.53	013.02	20	-0.2246	1.49	0.24
002.11	11	0.5073	1.94	0.18	013.10	14	-0.1480	1.07	0.42
002.99	6	0.0000	0.97	0.36	015.00	10	0.0000	0.97	0.33
003.00	31	0.2696	1.29	0.31	017.00	7	0.0000	1.01	0.23
003.06	25	0.3400	1.99	0.52	018.02	2	0.0000	1.03	0.47
003.09	26	-0.2407	2.07	0.64	019.00	12	-0.0389	1.50	0.32
003.10	32	0.0818	1.44	0.43	019.01	49	-0.1648	1.26	0.32
003.11	11	-0.2803	1.32	0.28	019.03	5	1.2069	2.73	0.81
003.12	3	0.0000	1.06	0.28	019.05	35	-0.0210	1.03	0.36
003.13	4	0.0000	1.07	0.14	019.08	3	1.1549	2.15	0.30
003.14	10	0.0000	1.01	0.15	019.09	24	0.2128	1.42	0.25
003.99	6	0.0000	1.04	0.10	019.99	8	0.8768	2.60	0.54
004.00	28	0.0680	1.49	0.16	020.00	2	0.0000	1.22	0.04
004.01	2	0.0000	0.34	0.83	020.01	5	0.0000	0.75	0.67
004.03	2	0.0000	1.12	0.34	021.02	11	-0.0907	2.92	0.41
004.06	29	0.1527	1.12	0.35	022.01	29	-0.6567	3.53	0.44
004.07	36	0.0292	1.18	0.22	022.03	29	-0.4798	1.75	0.35
004.11	10	-0.0119	0.97	0.20	022.05	25	0.0202	1.04	0.37
004.99	2	0.0000	1.22	0.09	022.99	3	0.0000	0.83	0.61
005.00	116	-0.2214	1.91	0.37	025.01	25	0.0162	0.98	0.19
005.11	7	0.0000	0.00	0.00	025.03	27	-0.0617	1.26	0.41
005.99	10	0.0000	0.89	0.49	025.05	21	-0.4876	2.28	0.27
008.02	13	0.3030	1.46	0.12	025.99	3	0.0000	1.08	0.22
008.08	19	0.1764	1.46	0.24	026.00	2	0.0000	1.22	0.00
008.99	7	0.0000	1.03	0.16	027.01	31	0.1020	1.10	0.32
009.04	2	2.9821	4.22	0.57	027.03	28	-0.1157	1.09	0.42

AAFCO - Feed Check Sample No. - 200822 Senior Pig Starter, Medicated

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
027.05	22	0.6976	2.09	0.70
027.99	4	1.9578	3.96	0.61
028.01	25	-0.7314	2.96	0.14
028.03	27	-0.8113	6.45	0.51
028.05	23	0.5342	1.94	0.55
028.99	3	0.0000	0.89	0.56
031.01	55	-0.0894	1.67	0.39
031.02	6	-0.3761	1.27	0.78
031.03	8	0.0000	0.98	0.30
031.05	57	-0.0521	0.98	0.38
031.99	9	-0.4262	1.59	0.24
032.01	24	-0.1898	1.22	0.19
032.02	6	-0.6505	1.82	0.34
032.05	49	-0.0372	1.13	0.27
032.99	2	0.0000	1.22	0.00
033.00	18	-0.7028	1.95	0.37
033.01	35	0.1202	2.05	0.38
033.03	8	0.1092	2.21	0.46
033.99	11	2.4374	5.87	0.53
034.04	8	0.4176	1.50	0.27
034.05	4	2.6682	7.71	0.41
034.99	2	0.0000	1.21	0.13
035.00	27	0.0000	0.97	0.29
035.01	2	0.0000	1.13	0.33
035.03	48	0.2616	1.27	0.35
035.05	11	0.0000	0.99	0.23
035.99	4	10.5826	21.18	0.34
036.00	3	0.0000	0.58	0.78
036.03	21	0.2742	1.60	0.26
036.04	3	5.4848	9.50	1.22
037.01	31	0.4433	3.15	0.28
037.03	30	-0.2084	1.34	0.42
037.05	26	0.2454	1.58	0.21
037.99	4	-12.1501	24.31	0.45
038.00	7	0.2153	1.09	1.01
039.01	2	0.0000	0.94	0.55
039.02	3	0.0000	1.00	0.41
041.00	2	0.0000	1.22	0.11
050.01	10	0.0000	1.00	0.22
104.00	2	0.0000	1.19	0.21
106.02	14	1.3013	6.16	1.39
108.02	4	31.2915	62.59	1.66
109.02	8	-0.6167	4.26	0.28
120.00	8	-1.9230	4.49	1.46
121.00	8	0.0115	0.95	0.20
122.00	9	-0.4930	1.68	0.52
124.00	8	1.3104	3.50	0.36
124.05	2	0.0000	1.22	0.06
125.00	9	0.0000	0.99	0.28
126.00	9	-0.1466	0.85	0.80
127.00	9	0.6861	2.27	0.18
128.00	9	0.0000	0.94	0.40
129.00	9	-0.2406	1.15	0.89
130.00	14	0.4898	2.62	1.50
130.05	4	0.3390	1.06	0.58
131.00	9	0.4872	2.06	0.88
131.05	2	0.0000	0.00	0.00
132.00	9	0.0000	0.98	0.31
133.00	8	0.0000	0.90	0.48
134.00	9	0.0000	1.02	0.16
135.00	9	0.0000	0.89	0.50
136.01	4	0.0000	1.07	0.10
136.99	2	0.0000	1.22	0.09
137.00	6	0.0000	1.03	0.16
138.00	9	0.0000	1.02	0.15