

# AAFCO Check Sample Program

Methods Report

Sort by Method

Proficiency For Individual Methods

Sample # 201030

Swine Nursery vitamin/mineral premix, Medicated



# AAFCO

Association of American Feed Control Officials

Method Code	Total # Labs Submitting	# Labs Included in Calculations	Mean	SD	Assigned Value - Robust Mean	AAFCO CS ffp - Robust sd	Uncertainty (U)	% RSD	Between Labs sL	Within Labs sr	Reproducibility sR	Between Labs %RSD	Within Labs %rsd	Reproducibility %RSD	sR/sr	Average Range (R-bar)
000.01	1		0.80000													
001.00	6	6	5.2278	0.47302	5.2308	0.20990	0.06059	4.01%	0.47052	0.06871	0.47551	9.00%	1.31%	9.10%	6.9208	0.07557
001.03	3	3	5.3083	0.21808	5.3083	0.21808	0.08903	4.11%	0.21645	0.03764	0.21970	4.08%	0.71%	4.14%	5.8370	0.04333
001.05	1		5.1950													
001.07	23	20	5.2206	0.35809	5.2120	0.25090	0.03967	4.81%	0.35268	0.08765	0.36341	6.76%	1.68%	6.96%	4.1460	0.07975
001.99	10	9	5.2444	0.22789	5.2460	0.16685	0.03933	3.18%	0.22621	0.03902	0.22955	4.31%	0.74%	4.38%	5.8836	0.04222
002.00	1		5.5200													
002.01	3	3	4.9217	0.12887	4.9217	0.12887	0.05261	2.62%	0.08981	0.13070	0.15859	1.82%	2.66%	3.22%	1.2133	0.18333
002.02	1		2.8150													
002.04	4	4	5.3650	0.51256	5.3650	0.51256	0.18122	9.55%	0.50735	0.10308	0.51772	9.46%	1.92%	9.65%	5.0226	0.13000
002.05	9	8	4.5156	1.6656	4.9845	0.53018	0.13255	10.64%	1.6652	0.05344	1.6660	36.88%	1.18%	36.89%	31.177	0.04369
002.06	46	44	5.6570	2.0136	5.3845	0.18675	0.01991	3.47%	2.0128	0.07937	2.0144	35.58%	1.40%	35.61%	25.381	0.07838
002.08	2	2	5.2988	0.50523												
002.10	2	2	5.4238	0.17501												
002.99	1		5.5650													
003.00	8	7	2.5210	0.54376	2.5210	0.61662	0.16480	24.46%	0.54299	0.04075	0.54452	21.54%	1.62%	21.60%	13.362	0.04511
003.06	9	9	2.3049	0.68729	2.2982	0.76486	0.18028	33.28%	0.68476	0.08329	0.68981	29.71%	3.61%	29.93%	8.2825	0.08250
003.09	4	4	2.9813	0.42345	2.9813	0.42345	0.14971	14.20%	0.41827	0.09334	0.42856	14.03%	3.13%	14.38%	4.5913	0.08750
003.10	13	13	2.1420	0.42015	2.1555	0.45183	0.08861	20.96%	0.41861	0.05081	0.42169	19.54%	2.37%	19.69%	8.2989	0.06300
003.12	2	2	2.5225	0.73893												
003.13	2	2	2.5463	0.42957												
003.14	7	7	1.9650	0.19438	1.9650	0.22043	0.05891	11.22%	0.08677	0.24598	0.26084	4.42%	12.52%	13.27%	1.0604	0.24714
003.99	2	2	3.4050	0.01414												
004.00	7	7	12.400	1.2126	12.400	1.3751	0.36750	11.09%	1.2052	0.18853	1.2199	9.72%	1.52%	9.84%	6.4706	0.19429
004.03	1		23.965													
004.06	9	9	13.440	4.3670	12.308	1.5159	0.35730	12.32%	4.3645	0.20882	4.3695	32.47%	1.55%	32.51%	20.925	0.26332
004.07	15	14	17.096	3.9274	16.327	2.2633	0.42773	13.86%	3.8988	0.66887	3.9558	22.81%	3.91%	23.14%	5.9141	0.64936

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005.00	57	54	56.727	1.1565	56.941	0.66056	0.06356	1.16%	1.1413	0.26438	1.1715	2.01%	0.47%	2.07%	4.4311	0.25431
005.02	1		57.445													
005.03	1		57.050													
005.05	11	10	51.832	15.304	57.430	0.86582	0.19360	1.51%	15.304	0.11204	15.304	29.53%	0.22%	29.53%	136.59	0.09340
005.11	1		97.645													
005.99	5	5	58.027	1.8951	58.027	1.8951	0.59929	3.27%	1.8564	0.53877	1.9330	3.20%	0.93%	3.33%	3.5879	0.59160
008.02	2	2	22.840	8.0398												
008.05	1		17.450													
008.08	12	11	17.238	4.8874	16.304	1.0140	0.21619	6.22%	4.8810	0.35463	4.8939	28.31%	2.06%	28.39%	13.800	0.38436
008.99	2	2	59.058	63.134												
009.07	1		21.475													
009.09	12	12	20.456	8.1269	17.272	1.2604	0.25728	7.30%	8.1245	0.27563	8.1292	39.72%	1.35%	39.74%	29.493	0.30511
009.99	2	2	17.580	0.29698												
010.03	2	2	5.4775	0.45608												
010.11	2	2	8.9150	1.8102												
010.99	12	11	5.4646	0.54527	5.4913	0.51895	0.11064	9.45%	0.54131	0.09274	0.54920	9.91%	1.70%	10.05%	5.9220	0.10506
011.01	33	32	5.8558	0.43007	5.8649	0.24271	0.03034	4.14%	0.42708	0.07151	0.43303	7.29%	1.22%	7.39%	6.0551	0.07309
011.02	1		5.8400													
011.99	2	2	5.0775	0.20153												
012.00	1		0.30000													
012.01	2	2	1.6473	0.94434												
012.03	2	2	1.9200	0.83439												
012.04	3	3	1.9283	2.0983	1.9283	2.0983	0.85663	108.81%	2.0979	0.05902	2.0987	108.79%	3.06%	108.84%	35.560	0.07667
013.00	4	4	3.7313	0.29330	3.7313	0.29330	0.10370	7.86%	0.29194	0.03984	0.29465	7.82%	1.07%	7.90%	7.3951	0.04750
013.02	7	7	2.9986	0.96767	3.1087	0.82925	0.22163	26.68%	0.94384	0.30183	0.99093	31.48%	10.07%	33.05%	3.2831	0.28286
013.10	6	6	3.0344	1.2510	2.8550	0.97654	0.28190	34.20%	1.2304	0.31961	1.2712	40.55%	10.53%	41.89%	3.9774	0.33450
013.11	2	2	3.0600	0.27577												
015.41	3	3	313.43	164.93	313.43	164.93	67.333	52.62%	164.78	9.8512	165.08	52.57%	3.14%	52.67%	16.757	11.853
015.42	3	3	335.97	62.097	335.97	62.097	25.351	18.48%	53.800	43.853	69.408	16.01%	13.05%	20.66%	1.5828	52.648
015.43	3	3	344.13	192.74	344.13	192.74	78.687	56.01%	192.47	14.595	193.02	55.93%	4.24%	56.09%	13.225	19.867
015.52	1		418.35													
016.00	1		0.43650													
017.41	2	2	3.3075	4.6775												
017.42	2	2	7.6900	1.8031												
017.43	3	3	37.280	33.121	37.280	33.121	13.522	88.84%	33.109	1.2585	33.133	88.81%	3.38%	88.88%	26.328	1.0867
018.31	1		0.50100													
018.42	3	3	1.0488	0.62742	1.0488	0.62742	0.25614	59.82%	0.62660	0.04518	0.62823	59.74%	4.31%	59.90%	13.904	0.04233
018.52	1		0.57150													

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019.00	15	14	15.747	2.2495	15.528	0.47973	0.09066	3.09%	2.2449	0.20326	2.2541	14.26%	1.29%	14.31%	11.089	0.19739
019.03	3	3	15.017	0.94177	15.017	0.94177	0.38448	6.27%	0.93988	0.08446	0.94366	6.26%	0.56%	6.28%	11.173	0.10000
019.08	9	9	16.765	5.1776	15.725	1.0826	0.25517	6.88%	5.1764	0.15863	5.1788	30.88%	0.95%	30.89%	32.647	0.17488
019.31	26	24	15.331	1.0323	15.421	0.76666	0.11066	4.97%	0.99122	0.40766	1.0718	6.47%	2.66%	6.99%	2.6291	0.37442
019.32	15	15	15.783	0.99162	15.609	0.56462	0.10308	3.62%	0.97789	0.23252	1.0052	6.20%	1.47%	6.37%	4.3229	0.23981
019.33	1		15.305													
019.41	32	31	15.330	1.1096	15.416	1.0206	0.12961	6.62%	1.0921	0.27701	1.1267	7.12%	1.81%	7.35%	4.0675	0.28338
019.42	28	27	14.578	3.3940	15.484	0.71297	0.09702	4.60%	3.3846	0.35709	3.4034	23.22%	2.45%	23.35%	9.5309	0.32984
019.43	12	11	12.390	5.6369	14.971	0.88898	0.18953	5.94%	5.6351	0.20473	5.6388	45.48%	1.65%	45.51%	27.543	0.20646
019.52	1		14.314													
019.53	1		14.550													
019.99	4	4	14.249	2.5372	14.249	2.5372	0.89702	17.81%	2.5270	0.32025	2.5472	17.74%	2.25%	17.88%	7.9538	0.29750
020.31	1		46.000													
020.32	1		0.00000													
020.41	1		41.600													
020.42	4	4	40.267	6.9746	40.267	6.9746	2.4659	17.32%	6.2090	4.4928	7.6641	15.42%	11.16%	19.03%	1.7058	3.8256
020.43	3	3	36.368	4.0334	36.368	4.0334	1.6466	11.09%	3.8560	1.6731	4.2034	10.60%	4.60%	11.56%	2.5123	2.0557
020.52	1		37.920													
020.99	2	2	37.003	4.9462												
021.31	5	5	20.360	10.375	20.360	10.375	3.2808	50.96%	10.359	0.81609	10.391	50.88%	4.01%	51.04%	12.732	1.0000
021.32	1		24.866													
021.41	2	2	15.545	3.1749												
021.42	7	7	13.808	1.8235	13.808	2.0678	0.55265	14.98%	1.7992	0.41975	1.8475	13.03%	3.04%	13.38%	4.4014	0.47443
021.43	5	5	12.983	2.1353	12.983	2.1353	0.67523	16.45%	2.1309	0.19352	2.1396	16.41%	1.49%	16.48%	11.056	0.23800
021.52	1		13.594													
022.31	25	24	22,356	6,775.9	23,738	1,051.6	151.79	4.43%	6,770.2	393.15	6,781.6	30.28%	1.76%	30.33%	17.249	345.73
022.32	11	11	24,341	941.03	24,375	990.15	211.10	4.06%	834.36	615.44	1,036.8	3.43%	2.53%	4.26%	1.6846	595.07
022.33	2	2	22,883	1,284.5												
022.41	29	29	21,571	6,649.2	23,304	2,432.3	319.37	10.44%	6,637.4	559.78	6,661.0	30.77%	2.60%	30.88%	11.899	484.50
022.42	28	27	22,579	5,568.5	23,335	2,205.0	300.06	9.45%	5,544.2	735.29	5,592.7	24.56%	3.26%	24.77%	7.6061	716.41
022.43	14	13	21,704	6,803.5	23,741	1,533.0	300.64	6.46%	6,791.6	568.85	6,815.4	31.29%	2.62%	31.40%	11.981	469.41
022.52	2	2	10,287	14,367												
022.53	1		23,000													
022.99	4	4	23,426	1,185.8	23,426	1,185.8	419.26	5.06%	863.89	1,148.8	1,437.4	3.69%	4.90%	6.14%	1.2512	1,045.0
024.01	2	2	114.50	18.385												
024.99	1		39.810													
025.31	23	22	15,263	1,182.2	15,400	737.21	111.14	4.79%	1,175.9	172.13	1,188.4	7.70%	1.13%	7.79%	6.9043	178.45
025.32	10	10	15,818	933.63	15,953	769.62	172.09	4.82%	883.24	427.91	981.43	5.58%	2.71%	6.20%	2.2936	457.15

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025.33	2	2	13,912	2,718.5												
025.41	29	29	13,631	4,664.9	14,999	1,598.2	209.85	10.66%	4,656.0	407.27	4,673.8	34.16%	2.99%	34.29%	11.476	361.77
025.42	27	26	13,791	4,467.4	14,715	1,977.8	274.28	13.44%	4,462.3	302.35	4,472.5	32.36%	2.19%	32.43%	14.793	310.37
025.43	13	12	13,946	4,509.9	15,378	1,126.9	230.04	7.33%	4,499.8	426.42	4,520.0	32.27%	3.06%	32.41%	10.600	416.50
025.52	1		13,768													
025.99	5	5	16,719	2,477.8	16,719	2,477.8	783.54	14.82%	2,475.5	148.43	2,480.0	14.81%	0.89%	14.83%	16.708	146.75
026.31	2	2	3,5328	1,5312												
026.42	3	3	21,847	6,5810	21,847	6,5810	2,6867	30.12%	6,5123	1,3413	6,6490	29.81%	6.14%	30.43%	4,9571	1,3613
026.43	1		8,9625													
026.52	1		9,3320													
026.99	2	2	1,3525	1,9127												
027.31	21	20	2,8244	0,41030	2,7277	0,13569	0,02145	4,97%	0,40868	0,05163	0,41193	14,47%	1,83%	14,58%	7,9788	0,05446
027.32	8	8	2,7136	0,30460	2,7460	0,17272	0,04318	6,29%	0,30097	0,06631	0,30818	11,09%	2,44%	11,36%	4,6480	0,06239
027.41	25	24	2,7521	0,26605	2,7645	0,21652	0,03125	7,83%	0,25986	0,08071	0,27210	9,44%	2,93%	9,89%	3,3714	0,07468
027.42	27	26	2,5321	0,54834	2,6375	0,23690	0,03285	8,98%	0,54557	0,07787	0,55109	21,55%	3,08%	21,76%	7,0776	0,07853
027.43	12	12	5,5614	7,9247	2,7476	0,33258	0,06789	12,10%	7,9237	0,17843	7,9257	142,48%	3,21%	142,51%	44,420	0,13476
027.52	1		2,3310													
027.53	1		2,5750													
027.99	1		2,6650													
028.31	22	22	4,360,3	1,538,0	4,407,8	181,16	27,311	4,11%	1,537,2	71,034	1,538,8	35,25%	1,63%	35,29%	21,663	71,357
028.32	10	9	4,397,4	223,88	4,385,5	156,61	36,912	3,57%	221,53	45,670	226,19	5,04%	1,04%	5,14%	4,9527	54,675
028.33	2	2	4,132,0	39,598												
028.41	29	28	4,312,0	737,45	4,458,7	300,65	40,176	6,74%	729,63	151,48	745,19	16,92%	3,51%	17,28%	4,9195	140,80
028.42	28	27	4,048,5	1,221,9	4,352,1	362,64	49,349	8,33%	1,219,6	105,75	1,224,2	30,12%	2,61%	30,24%	11,576	103,75
028.43	13	13	3,960,4	1,232,7	4,222,9	501,65	98,382	11,88%	1,227,8	155,48	1,237,6	31,00%	3,93%	31,25%	7,9601	150,90
028.52	1		3,942,6													
028.53	1		4,104,5													
028.99	4	4	4,473,8	225,88	4,473,8	225,88	79,859	5,05%	223,82	43,028	227,92	5,00%	0,96%	5,09%	5,2969	51,884
029.99	1		0,01850													
031.01	19	18	0,08088	0,10731	0,04154	0,02168	0,00361	52,18%	0,10721	0,00664	0,10741	132,56%	8,21%	132,81%	16,186	0,00578
031.03	3	3	0,20683	0,28871	0,20683	0,28871	0,11787	139,59%	0,28865	0,00818	0,28877	139,56%	3,95%	139,62%	35,323	0,00700
031.06	1		0,03500													
031.41	20	19	0,09297	0,10816	0,06481	0,06100	0,00990	94,12%	0,10791	0,01040	0,10841	116,06%	11,18%	116,60%	10,425	0,00868
031.42	16	15	0,12923	0,26626	0,05559	0,05542	0,01012	99,69%	0,26620	0,00805	0,26632	205,99%	6,23%	206,08%	33,077	0,00672
031.43	8	7	0,17020	0,18602	0,09877	0,08012	0,02141	81,12%	0,18598	0,00553	0,18606	109,27%	3,25%	109,32%	33,676	0,00566
031.52	1		0,01875													
031.53	1		0,01900													
031.99	2	2	0,13500	0,19092												

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032.02	3	3	0.88603	0.69506	0.88603	0.69506	0.28376	78.45%	0.69489	0.02202	0.69524	78.43%	2.49%	78.47%	31.575	0.02433
032.31	15	14	0.10786	0.05845	0.09960	0.02934	0.00555	29.46%	0.05832	0.00556	0.05859	54.07%	5.15%	54.32%	10.538	0.00560
032.32	3	3	0.11883	0.04865	0.11883	0.04865	0.01986	40.94%	0.04815	0.00984	0.04914	40.52%	8.28%	41.35%	4.9940	0.01300
032.41	21	20	0.12746	0.09843	0.10711	0.03352	0.00530	31.30%	0.09786	0.01506	0.09901	76.77%	11.82%	77.68%	6.5741	0.01541
032.42	19	17	0.11160	0.04272	0.10302	0.01296	0.00222	12.58%	0.04240	0.00743	0.04304	37.99%	6.66%	38.57%	5.7945	0.00772
032.43	9	8	0.38019	0.78200	0.10956	0.02256	0.00564	20.59%	0.78199	0.00421	0.78200	205.69%	1.11%	205.69%	185.63	0.00433
032.52	1		0.08690													
032.53	1		0.09900													
032.99	2	2	0.14250	0.06010												
033.00	13	12	1.2798	0.27073	1.3333	0.10674	0.02179	8.01%	0.27045	0.01745	0.27102	21.13%	1.36%	21.18%	15.527	0.01919
033.01	19	19	1.3216	0.37869	1.3889	0.04894	0.00794	3.52%	0.37833	0.02332	0.37905	28.63%	1.76%	28.68%	16.254	0.02323
033.03	2	2	1.4600	0.07071												
033.04	1		1.3400													
033.05	1		0.10000													
033.99	5	5	1.1590	0.59586	1.1590	0.59586	0.18843	51.41%	0.59571	0.01924	0.59602	51.40%	1.66%	51.43%	30.986	0.01400
034.01	1		23.350													
034.04	6	6	21.635	6.7661	21.830	7.2528	2.0937	33.22%	6.7508	0.64216	6.7813	31.20%	2.97%	31.34%	10.560	0.66333
034.05	1		26.200													
034.34	1		26.350													
034.41	3	3	17.588	12.777	17.588	12.777	5.2163	72.65%	12.759	0.96510	12.795	72.54%	5.49%	72.75%	13.258	0.97667
034.42	5	5	19.578	8.8500	19.578	8.8500	2.7986	45.20%	8.7409	1.9592	8.9578	44.65%	10.01%	45.75%	4.5722	2.2553
034.52	1		18.376													
034.53	1		24.960													
034.99	2	2	25.937	2.9889												
035.01	2	2	0.04223	0.00392												
035.05	3	3	0.07758	0.04125	0.07758	0.04125	0.01684	53.16%	0.04115	0.00409	0.04135	53.03%	5.27%	53.29%	10.115	0.00350
035.31	15	14	0.05985	0.04988	0.04852	0.02865	0.00541	59.05%	0.04969	0.00624	0.05008	83.03%	10.42%	83.68%	8.0304	0.00566
035.32	4	4	0.07585	0.02947	0.07585	0.02947	0.01042	38.86%	0.02931	0.00435	0.02963	38.64%	5.74%	39.07%	6.8082	0.00465
035.41	21	19	0.09099	0.09620	0.05957	0.02395	0.00388	40.20%	0.09615	0.00401	0.09624	105.68%	4.40%	105.77%	24.028	0.00342
035.42	15	13	0.08642	0.12290	0.05178	0.01748	0.00343	33.76%	0.12279	0.00758	0.12302	142.08%	8.77%	142.35%	16.235	0.00698
035.43	8	8	0.05289	0.01854	0.04724	0.00785	0.00196	16.62%	0.01829	0.00431	0.01879	34.58%	8.14%	35.53%	4.3633	0.00439
035.52	1		0.03530													
035.53	1		0.04150													
035.99	1		0.04000													
036.04	1		2.1050													
036.42	18	17	2.1588	0.25737	2.1703	0.18276	0.03134	8.42%	0.25193	0.07439	0.26269	11.67%	3.45%	12.17%	3.5312	0.05738
036.43	10	10	1.6996	0.88659	2.0539	0.33398	0.07468	16.26%	0.88423	0.09151	0.88895	52.03%	5.38%	52.30%	9.7142	0.07891
036.52	1		1.8925													

Method Code	Total # Labs Submitting	# Labs Included in Calculations	Mean	SD	Assigned Value - Robust Mean	AAFCCO CS ffp - Robust sd	Uncertainty (U)	% RSD	Between Labs sL	Within Labs sr	Reproducibility sR	Between Labs %RSD	Within Labs %rstd	Reproducibility %RSD	sR/sr	Average Range (R-bar)
036.99	2	2	2.2938	0.05834												
037.31	26	25	14,625	5,420.2	16,462	847.64	119.87	5.15%	5,414.5	353.15	5,426.0	37.02%	2.41%	37.10%	15.364	335.85
037.32	11	11	17,381	467.09	17,378	523.75	111.66	3.01%	290.08	517.74	593.47	1.67%	2.98%	3.41%	1.1463	504.12
037.33	2	2	17,323	150.97												
037.41	29	28	14,817	5,036.4	16,240	1,789.2	239.10	11.02%	5,018.4	602.76	5,054.4	33.87%	4.07%	34.11%	8.3855	528.55
037.42	28	27	15,308	5,190.0	16,734	1,356.6	184.61	8.11%	5,185.2	314.12	5,194.8	33.87%	2.05%	33.93%	16.537	343.17
037.43	14	13	15,422	5,107.0	16,678	1,603.3	314.42	9.61%	5,095.2	491.55	5,118.8	33.04%	3.19%	33.19%	10.414	478.17
037.52	1		14,311													
037.53	1		16,650													
037.99	5	5	17,002	2,845.4	17,002	2,845.4	899.78	16.74%	2,840.2	242.07	2,850.5	16.71%	1.42%	16.77%	11.776	293.20
038.31	1		5.5000													
038.42	5	5	2.5746	1.1267	2.5746	1.1267	0.35629	43.76%	1.1136	0.24260	1.1397	43.25%	9.42%	44.27%	4.6977	0.27060
038.43	5	5	4.0866	2.8190	4.0866	2.8190	0.89145	68.98%	2.8168	0.15649	2.8212	68.93%	3.83%	69.03%	18.027	0.17800
038.52	1		3.5485													
039.31	1		25.600													
039.42	4	4	31.528	1.7891	31.528	1.7891	0.63253	5.67%		4.7193			14.97%			3.7929
039.43	1		27.812													
039.52	1		27.852													
040.42	1		78.400													
040.43	1		73.682													
041.42	1		8.9370													
041.43	1		5.5950													
073.00	6	6	32,081	6,007.4	32,081	6,812.4	1,966.6	21.24%	6,001.7	370.40	6,013.1	18.71%	1.15%	18.74%	16.234	379.40
073.02	1		32,497													
073.03	7	7	33,066	4,637.5	32,801	4,596.8	1,228.5	14.01%	4,527.4	1,420.8	4,745.1	13.69%	4.30%	14.35%	3.3397	1,268.2
073.04	1		29,735													
101.01	1		18,580													
101.99	1		20,385													
102.01	2	2	4,424.5	77.075												
103.01	2	2	1,130.8	154.50												
104.00	2	2	105.22	29.384												
105.00	2	2	21.589	23.336												
105.01	2	2	6.8345	8.6062												
106.00	2	2	454.25	11.667												
106.02	24	23	450.86	151.00	450.04	94.479	13.930	20.99%	150.71	13.166	151.28	33.43%	2.92%	33.55%	11.490	13.348
107.00	2	2	810.50	359.92												
108.01	2	2	899.16	1,172.0												
108.02	4	4	10,205	18,748	10,205	18,748	6,628.4	183.72%	18,748	19.332	18,748	183.72%	0.19%	183.72%	969.79	19.675

Method Code	Total # Labs Submitting	# Labs Included in Calculations	Mean	SD	Assigned Value - Robust Mean	AAFCCO CS ffp - Robust sd	Uncertainty (U)	% RSD	Between Labs sL	Within Labs sr	Reproducibility sR	Between Labs %RSD	Within Labs %rstd	Reproducibility %RSD	sR/sr	Average Range (R-bar)
108.99	1		176.00													
109.02	17	16	4,380.1	1,186.1	4,457.8	1,145.3	202.47	25.69%	1,184.6	83.819	1,187.6	27.05%	1.91%	27.11%	14.168	80.542
112.00	2	2	161.00	46.669												
113.01	2	2	21.150	1.9092												
114.01	2	2	6.0525	2.0541												
120.00	5	5	0.04070	0.00606	0.04070	0.00606	0.00192	14.88%	0.00548	0.00365	0.00658	13.47%	8.96%	16.18%	1.8054	0.00380
121.00	5	5	0.04390	0.01596	0.04390	0.01596	0.00505	36.36%	0.01576	0.00359	0.01616	35.90%	8.18%	36.82%	4.5002	0.00380
122.00	5	5	0.06110	0.00414	0.06110	0.00414	0.00131	6.78%	0.00408	0.00105	0.00421	6.67%	1.72%	6.89%	4.0142	0.00100
124.00	3	3	0.02033	0.01158	0.02033	0.01158	0.00473	56.95%	0.01000	0.00827	0.01297	49.16%	40.65%	63.79%	1.5691	0.00800
124.02	1		0.01550													
125.00	5	5	0.09240	0.01011	0.09240	0.01011	0.00320	10.94%	0.01004	0.00161	0.01017	10.87%	1.75%	11.01%	6.3086	0.00160
126.00	5	5	0.05080	0.00729	0.05080	0.00729	0.00231	14.36%	0.00636	0.00506	0.00812	12.51%	9.96%	15.99%	1.6057	0.00320
127.00	5	5	0.02990	0.03005	0.02990	0.03005	0.00950	100.52%	0.02987	0.00474	0.03024	99.89%	15.86%	101.14%	6.3755	0.00300
128.00	5	5	0.02250	0.00200	0.02250	0.00200	0.00063	8.89%		0.00336			14.94%			0.00300
129.00	5	5	0.04580	0.00997	0.04580	0.00997	0.00315	21.76%	0.00995	0.00077	0.00998	21.73%	1.69%	21.79%	12.886	0.00080
130.00	5	5	0.03380	0.00759	0.03380	0.00759	0.00240	22.45%	0.00587	0.00680	0.00898	17.37%	20.11%	26.57%	1.3214	0.00600
131.00	3	3	0.01000	0.00200	0.01000	0.00200	0.00082	20.00%	0.00200	0.00000	0.00200	20.00%	0.00%	20.00%		0.00000
131.02	1		0.01600													
132.00	5	5	0.04670	0.04564	0.04670	0.04564	0.01443	97.73%	0.04541	0.00649	0.04587	97.23%	13.89%	98.22%	7.0694	0.00540
133.00	5	5	0.11390	0.15411	0.11390	0.15411	0.04873	135.30%	0.15402	0.00744	0.15420	135.22%	6.53%	135.38%	20.735	0.00700
134.00	5	5	0.03630	0.00593	0.03630	0.00593	0.00188	16.34%	0.00549	0.00318	0.00634	15.13%	8.75%	17.48%	1.9963	0.00220
135.00	5	5	0.03030	0.00373	0.03030	0.00373	0.00118	12.33%	0.00295	0.00324	0.00438	9.73%	10.69%	14.46%	1.3522	0.00260
135.05	2	2	0.09900	0.10041												
136.01	1		0.01550													
136.03	1		0.24800													
136.99	2	2	0.00455	0.00064												
137.00	3	3	0.02700	0.00436	0.02700	0.00436	0.00178	16.14%	0.00428	0.00115	0.00443	15.86%	4.28%	16.42%	3.8406	0.00133
138.00	5	5	0.03630	0.00751	0.03630	0.00751	0.00238	20.70%	0.00711	0.00342	0.00789	19.60%	9.42%	21.74%	2.3075	0.00300
141.00	1		0.00300													