

**AAFCO Check Sample Program**  
**All Methods Report**



**AAFCO**  
**Check Sample Program**



**Proficiency For Individual Methods**  
**Sample # 201526**  
**Rabbit Feed**  
**Regular Program**

**# Labs Reporting: 222**  
**Issue Date : 07/31/2015**

Method Code	Total # Labs Submitting	# Labs in Method Precision Calcs	Mean	SD	Assigned Value - Robust Mean	AAFCO CS ffp - Robust sd	Uncertainty (U) - Robust	% RSD - Robust	Between Labs sL	Within Labs sr	Reproducibility SR	Between Labs %RSD	Within Labs %rsd	Reproducibility %RSD	sR/sr	Average Range (R-bar)	Horwitz %RSD
000.02	1		0.20000														
001.00	7	6	8.3515	0.46284	8.4610	0.45901	0.12268	5.43%	0.45977	0.07528	0.46589	5.51%	0.90%	5.58%	6.1891	0.11514	2.90%
001.03	14	13	8.4012	0.10888	8.4011	0.09716	0.01836	1.16%	0.10811	0.01829	0.10965	1.29%	0.22%	1.31%	5.9940	0.02071	2.90%
001.05	1		8.2250														
001.07	37	32	8.3368	0.44701	8.3314	0.31542	0.03770	3.79%	0.44425	0.07019	0.44976	5.33%	0.84%	5.39%	6.4074	0.09434	2.91%
001.08	2	0															
001.99	18	16	8.2563	0.97744	8.3051	0.60527	0.10380	7.29%	0.97525	0.09250	0.97963	11.81%	1.12%	11.87%	10.591	0.10765	2.91%
002.00	3	3	16.322	1.0684	16.322	1.0684	0.61684	6.55%	1.0660	0.10141	1.0708	6.53%	0.62%	6.56%	10.559	0.14333	2.48%
002.01	13	13	15.709	0.21243	15.718	0.22018	0.04318	1.40%	0.19844	0.10725	0.22556	1.26%	0.68%	1.44%	2.1032	0.10254	2.52%
002.02	3	3	15.633	0.37195	15.633	0.37195	0.21474	2.38%	0.37070	0.04299	0.37319	2.37%	0.28%	2.39%	8.6802	0.05517	2.53%
002.03	1		15.260														
002.04	6	6	15.699	0.29773	15.721	0.29058	0.08388	1.85%	0.28817	0.10587	0.30700	1.84%	0.67%	1.96%	2.8998	0.11167	2.52%
002.05	42	39	15.706	0.25709	15.699	0.27991	0.03091	1.78%	0.25256	0.06793	0.26154	1.61%	0.43%	1.67%	3.8504	0.07549	2.52%
002.06	135	123	16.071	0.26945	16.072	0.25675	0.01580	1.60%	0.25711	0.11399	0.28124	1.60%	0.71%	1.75%	2.4672	0.13984	2.49%
002.08	3	3	15.892	0.30506	15.892	0.30506	0.17612	1.92%	0.29895	0.08589	0.31104	1.88%	0.54%	1.96%	3.6215	0.09760	2.51%
002.10	1		16.160														
002.11	6	6	16.259	1.0306	16.377	0.77295	0.22313	4.72%	1.0270	0.12298	1.0343	6.32%	0.76%	6.36%	8.4101	0.12833	2.47%
002.99	4	3	15.752	0.62889	15.752	0.62889	0.36309	3.99%	0.62719	0.06545	0.63059	3.98%	0.42%	4.00%	9.6352	0.31500	2.52%
003.00	16	14	3.9093	0.30095	3.8375	0.24036	0.04249	6.26%	0.29515	0.08315	0.30664	7.55%	2.13%	7.84%	3.6877	0.10313	3.27%
003.01	2	0															
003.06	18	17	3.5713	0.17985	3.5455	0.18776	0.03129	5.30%	0.15336	0.13288	0.20292	4.29%	3.72%	5.68%	1.5271	0.16361	3.31%
003.09	24	21	3.6738	0.24520	3.6802	0.21050	0.03104	5.72%	0.24003	0.07084	0.25027	6.53%	1.93%	6.81%	3.5330	0.08470	3.29%
003.10	28	25	3.3747	0.18322	3.3512	0.17804	0.02423	5.31%	0.17941	0.05252	0.18694	5.32%	1.56%	5.54%	3.5593	0.05727	3.33%
003.11	6	5	3.5870	0.34478	3.7342	0.53803	0.15532	14.41%	0.34147	0.06731	0.34804	9.52%	1.88%	9.70%	5.1711	0.06833	3.28%
003.12	9	8	3.3753	0.14775	3.3585	0.12622	0.03155	3.76%	0.14741	0.01410	0.14808	4.37%	0.42%	4.39%	10.502	0.01738	3.33%
003.13	10	9	3.6246	0.32698	3.5892	0.24881	0.05864	6.93%	0.32415	0.06067	0.32978	8.94%	1.67%	9.10%	5.4357	0.06311	3.30%
003.14	41	40	3.5828	0.34350	3.5862	0.29134	0.03257	8.12%	0.33366	0.11545	0.35307	9.31%	3.22%	9.85%	3.0582	0.12076	3.30%
003.99	4	2	3.2875	0.26517	3.2875	0.26517	0.18750	8.07%	0.26458	0.02500	0.26575	8.05%	0.76%	8.08%	10.630	0.26000	3.34%
004.00	25	22	22.935	1.0684	22.974	0.70347	0.10372	3.06%	1.0375	0.36056	1.0984	4.52%	1.57%	4.79%	3.0463	0.39628	2.09%
004.01	2	0															
004.03	5	4	23.476	0.43559	23.476	0.43559	0.21780	1.86%	0.34376	0.37834	0.51118	1.46%	1.61%	2.18%	1.3511	0.35000	2.06%
004.06	34	32	23.299	1.0152	23.247	1.0018	0.12331	4.31%	1.0074	0.17800	1.0230	4.32%	0.76%	4.39%	5.7473	0.19046	2.07%

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004.07	61	57	22.646	1.1697	22.658	1.2806	0.11690	5.65%	1.1471	0.32380	1.1919	5.07%	1.43%	5.26%	3.6812	0.37885	2.10%
004.11	5	5	19.620	2.9261	19.620	2.9261	1.3086	14.91%	2.9245	0.13587	2.9277	14.91%	0.69%	14.92%	21.548	0.17600	2.26%
004.99	2	0															
005.00	100	94	7.9844	0.15357	7.9852	0.13346	0.00953	1.67%	0.14720	0.06191	0.15969	1.84%	0.78%	2.00%	2.5793	0.06846	2.93%
005.05	30	27	8.0408	0.11211	8.0458	0.11716	0.01538	1.46%	0.11064	0.02554	0.11355	1.38%	0.32%	1.41%	4.4457	0.04407	2.92%
005.11	6	6	9.1925	1.9657	8.8479	1.4293	0.41260	16.15%	1.9629	0.14964	1.9685	21.35%	1.63%	21.41%	13.155	0.15500	2.88%
005.99	10	10	8.0765	0.19175	8.0785	0.21364	0.04777	2.64%	0.18156	0.08721	0.20142	2.25%	1.08%	2.49%	2.3097	0.09300	2.92%
006.00	1		3.3000														
006.01	2	0															
006.99	4	4	3.4813	0.77439	3.4813	0.77439	0.38719	22.24%	0.76725	0.14837	0.78146	22.04%	4.26%	22.45%	5.2671	0.14250	3.32%
008.02	14	12	28.668	0.99588	28.812	1.2173	0.23872	4.22%	0.99334	0.10053	0.99841	3.46%	0.35%	3.48%	9.9320	0.11095	1.86%
008.05	1		29.600														
008.08	43	40	27.656	1.5256	27.733	1.4995	0.16361	5.41%	1.5057	0.34760	1.5453	5.44%	1.26%	5.59%	4.4456	0.44554	1.90%
008.99	3	3	25.452	5.5756	25.452	5.5756	3.2191	21.91%	5.5719	0.28940	5.5794	21.89%	1.14%	21.92%	19.279	0.27667	1.98%
009.04	1		41.150														
009.07	10	9	41.873	1.7279	41.876	1.8172	0.42832	4.34%	1.7184	0.25623	1.7374	4.10%	0.61%	4.15%	6.7805	0.24619	1.55%
009.09	41	39	40.973	1.5652	40.993	1.2527	0.14006	3.06%	1.5335	0.44337	1.5963	3.74%	1.08%	3.90%	3.6003	0.57139	1.56%
009.99	4	4	39.598	1.9150	39.598	1.9150	0.95748	4.84%	1.9096	0.20255	1.9203	4.82%	0.51%	4.85%	9.4809	0.25500	1.59%
010.03	2	0															
010.11	7	7	8.2307	0.52768	8.3142	0.44555	0.11908	5.36%	0.52550	0.06777	0.52985	6.38%	0.82%	6.44%	7.8183	0.07286	2.91%
010.99	15	13	8.2504	0.35659	8.2911	0.29495	0.05574	3.56%	0.35077	0.09070	0.36231	4.25%	1.10%	4.39%	3.9945	0.11929	2.91%
011.01	81	76	9.5097	0.46081	9.5583	0.41552	0.03285	4.35%	0.45540	0.09956	0.46616	4.79%	1.05%	4.90%	4.6823	0.12341	2.85%
011.02	3	3	8.8633	0.70527	8.8633	0.70527	0.40719	7.96%	0.70472	0.03958	0.70583	7.95%	0.45%	7.96%	17.832	0.04667	2.88%
011.03	1		9.0100														
011.99	3	2	9.2350	0.09192	9.2350	0.09192	0.06500	1.00%	0.09165	0.01000	0.09220	0.99%	0.11%	1.00%	9.2195	0.14667	2.86%
012.00	9	7	8.1823	0.65656	8.0212	0.56682	0.13360	7.07%	0.65503	0.06336	0.65808	8.01%	0.77%	8.04%	10.387	0.11889	2.92%
012.01	8	7	4.8312	0.57402	4.7319	0.67797	0.16949	14.33%	0.55637	0.19977	0.59115	11.52%	4.14%	12.24%	2.9591	0.21076	3.17%
012.02	2	0															
012.03	5	5	6.0170	0.90422	6.0170	0.90422	0.40438	15.03%	0.89299	0.20092	0.91532	14.84%	3.34%	15.21%	4.5556	0.21800	3.05%
012.04	5	5	5.7720	1.0600	5.7720	1.0600	0.47403	18.36%	1.0525	0.17714	1.0673	18.24%	3.07%	18.49%	6.0253	0.20800	3.07%
012.11	6	5	7.5790	4.0302	7.5190	3.1541	0.91050	41.95%	4.0248	0.29555	4.0356	53.10%	3.90%	53.25%	13.655	0.45000	2.95%
013.00	16	15	4.5909	0.69659	4.5071	0.67015	0.11847	14.87%	0.69235	0.10843	0.70079	15.08%	2.36%	15.26%	6.4632	0.13587	3.19%
013.02	23	21	4.8218	0.42122	4.8479	0.38715	0.05836	7.99%	0.40994	0.13694	0.43221	8.50%	2.84%	8.96%	3.1563	0.17907	3.15%
013.08	1		3.3700														
013.10	8	8	4.4375	0.96934	4.4133	1.0529	0.26322	23.86%	0.95934	0.19633	0.97923	21.62%	4.42%	22.07%	4.9877	0.21668	3.20%
013.13	4	4	5.7888	0.97357	5.7888	0.97357	0.48679	16.82%	0.97103	0.09931	0.97610	16.77%	1.72%	16.86%	9.8288	0.12250	3.07%
015.41	5	5	411.96	68.828	411.96	68.828	30.781	16.71%	68.317	11.833	69.335	16.58%	2.87%	16.83%	5.8594	14.365	6.46%
015.42	1		314.15														
015.43	7	7	303.74	47.717	305.33	50.578	13.518	16.56%	46.631	14.314	48.779	15.35%	4.71%	16.06%	3.4078	15.103	6.76%
015.53	1		380.00														
017.41	2	0															
017.42	4	4	25.353	0.68119	25.353	0.68119	0.34060	2.69%		1.6856			6.65%		1.7200	9.83%	
017.43	8	8	25.004	5.6780	24.733	5.0199	1.2550	20.30%	5.6588	0.65985	5.6971	22.63%	2.64%	22.79%	8.6340	0.80763	9.87%

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017.52	1		57.696														
019.00	21	19	0.80517	0.06416	0.80880	0.04396	0.00695	5.43%	0.06398	0.00673	0.06434	7.95%	0.84%	7.99%	9.5585	0.00869	4.13%
019.03	1		0.81565														
019.08	8	8	0.84319	0.06335	0.84075	0.06590	0.01647	7.84%	0.05920	0.03186	0.06723	7.02%	3.78%	7.97%	2.1103	0.03363	4.11%
019.09	1		0.80900														
019.31	27	24	0.80394	0.03750	0.79862	0.03221	0.00447	4.03%	0.03687	0.00973	0.03813	4.59%	1.21%	4.74%	3.9180	0.01195	4.14%
019.32	5	4	0.74064	0.08998	0.74064	0.08998	0.04499	12.15%	0.08981	0.00800	0.09016	12.13%	1.08%	12.17%	11.266	1.4068	4.18%
019.41	37	34	0.80406	0.03833	0.80386	0.03331	0.00393	4.14%	0.03688	0.01477	0.03973	4.59%	1.84%	4.94%	2.6894	0.01454	4.13%
019.42	21	19	0.81458	0.04871	0.81478	0.05099	0.00787	6.26%	0.04769	0.01405	0.04972	5.85%	1.73%	6.10%	3.5374	0.01650	4.12%
019.43	21	19	0.80325	0.04420	0.80809	0.05139	0.00812	6.36%	0.04181	0.02026	0.04646	5.21%	2.52%	5.78%	2.2937	0.02161	4.13%
019.44	3	2	0.78150	0.03960	0.78150	0.03960	0.02800	5.07%	0.03958	0.00158	0.03961	5.06%	0.20%	5.07%	25.054	0.01500	4.15%
019.51	1		0.85455														
019.52	3	3	0.74172	0.09931	0.74172	0.09931	0.05734	13.39%	0.05986	0.11207	0.12706	8.07%	15.11%	17.13%	1.1337	0.12617	4.18%
019.53	1		0.83000														
019.99	5	4	0.83525	0.01305	0.83525	0.01305	0.00652	1.56%		0.02036			2.44%			0.03480	4.11%
021.31	4	3	5.1633	1.5908	5.1633	1.5908	0.91843	30.81%	1.5902	0.05831	1.5913	30.80%	1.13%	30.82%	27.291	0.39750	12.49%
021.41	4	3	4.9469	0.59210	4.9469	0.59210	0.34185	11.97%	0.59125	0.04476	0.59294	11.95%	0.90%	11.99%	13.247	0.15263	12.58%
021.42	2	0															
021.43	6	6	4.8883	0.56471	4.9119	0.59506	0.17178	12.11%	0.55975	0.10561	0.56962	11.45%	2.16%	11.65%	5.3939	0.12802	12.59%
021.52	2	0															
021.53	3	3	3.3358	1.4732	3.3358	1.4732	0.85056	44.16%	1.4421	0.42578	1.5037	43.23%	12.76%	45.08%	3.5315	0.40317	13.34%
022.31	23	21	22.889	1.7966	23.063	1.6122	0.24305	6.99%	1.5331	1.3246	2.0261	6.70%	5.79%	8.85%	1.5295	1.3591	9.97%
022.32	4	4	27.613	10.057	27.613	10.057	5.0287	36.42%	9.8206	3.0678	10.289	35.57%	11.11%	37.26%	3.3537	3.3850	9.71%
022.33	1		23.195														
022.41	27	26	23.250	1.8998	23.340	2.1677	0.29499	9.29%	1.6785	1.2585	2.0979	7.22%	5.41%	9.02%	1.6669	1.3525	9.96%
022.42	19	18	22.355	2.5963	22.443	2.6950	0.43719	12.01%	2.5312	0.81679	2.6598	11.32%	3.65%	11.90%	3.2564	0.95000	10.02%
022.43	18	15	21.601	2.0898	22.006	1.9751	0.33873	8.98%	1.9140	1.1866	2.2520	8.86%	5.49%	10.43%	1.8978	1.8945	10.05%
022.44	2	0															
022.52	2	0															
022.53	2	0															
022.99	2	0															
023.01	1		2.2450														
025.31	19	16	487.86	25.542	486.10	25.374	4.2289	5.22%	25.358	4.3327	25.725	5.20%	0.89%	5.27%	5.9375	5.8009	6.30%
025.32	2	0															
025.33	1		477.13														
025.34	1		820.25														
025.41	29	26	461.20	21.099	462.54	17.950	2.3570	3.88%	19.530	11.291	22.559	4.23%	2.45%	4.89%	1.9979	13.888	6.35%
025.42	16	15	376.23	66.322	377.82	57.830	10.223	15.31%	65.907	10.472	66.734	17.52%	2.78%	17.74%	6.3724	10.814	6.55%
025.43	17	15	425.87	49.023	434.99	49.877	8.8171	11.47%	48.759	7.1795	49.285	11.45%	1.69%	11.57%	6.8647	9.5206	6.41%
025.51	1		412.03														
025.52	2	0															
025.99	2	0															
027.31	18	16	0.31329	0.00857	0.31446	0.00986	0.00169	3.14%	0.00788	0.00474	0.00920	2.52%	1.51%	2.94%	1.9402	0.00494	4.76%

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027.32	4	3	0.31637	0.00319	0.31637	0.00319	0.00184	1.01%		0.00891			2.82%			0.25730	4.76%
027.33	1		0.35500														
027.41	28	26	0.32187	0.01232	0.32248	0.01196	0.00163	3.71%	0.01136	0.00673	0.01321	3.53%	2.09%	4.10%	1.9620	0.00758	4.74%
027.42	19	17	0.32396	0.02144	0.32615	0.02164	0.00361	6.63%	0.02104	0.00579	0.02182	6.49%	1.79%	6.74%	3.7692	0.00689	4.73%
027.43	17	16	0.31113	0.01657	0.31401	0.01250	0.00221	3.98%	0.01632	0.00410	0.01682	5.24%	1.32%	5.41%	4.0993	0.00444	4.76%
027.44	3	3	0.31700	0.00218	0.31700	0.00218	0.00126	0.69%	0.00180	0.00173	0.00250	0.57%	0.55%	0.79%	1.4434	0.00200	4.75%
027.51	1		0.30965														
027.52	2	0															
027.53	1		0.31150														
027.99	3	2	0.33000	0.00000	0.33000	0.00000	0.00000	0.00%	0.00000	0.00000	0.00000	0.00%	0.00%	0.00%		0.00333	4.73%
028.31	18	16	90.718	4.3881	91.332	5.0390	0.86418	5.52%	4.2701	1.4294	4.5030	4.71%	1.58%	4.96%	3.1503	2.0197	8.11%
028.32	3	3	84.785	6.8133	84.785	6.8133	3.9337	8.04%	6.6311	2.2135	6.9908	7.82%	2.61%	8.25%	3.1583	2.5433	8.20%
028.33	1		94.730														
028.41	27	24	91.648	2.4438	91.264	3.0696	0.42568	3.36%	2.1117	1.7396	2.7359	2.30%	1.90%	2.99%	1.5727	2.0770	8.11%
028.42	19	18	91.916	4.8413	91.665	4.0441	0.65604	4.41%	4.5915	2.1709	5.0788	5.00%	2.36%	5.53%	2.3395	2.5574	8.10%
028.43	16	14	90.893	4.4578	90.641	4.8834	0.89157	5.39%	4.3522	1.3638	4.5609	4.79%	1.50%	5.02%	3.3442	1.6203	8.12%
028.44	3	3	87.700	9.5954	87.700	9.5954	5.5399	10.94%	9.0099	4.6680	10.147	10.27%	5.32%	11.57%	2.1738	4.5333	8.16%
028.51	1		90.699														
028.52	1		83.000														
028.53	1		92.500														
028.99	2	0															
031.00	1		0.45500														
031.01	55	50	0.44848	0.02816	0.44585	0.01758	0.00171	3.94%	0.02767	0.00745	0.02865	6.17%	1.66%	6.39%	3.8484	0.00937	4.52%
031.02	4	3	0.44485	0.00581	0.44485	0.00581	0.00335	1.31%	0.00566	0.00186	0.00596	1.27%	0.42%	1.34%	3.1994	0.00653	4.52%
031.03	5	4	0.43140	0.00657	0.43140	0.00657	0.00329	1.52%		0.01487			3.45%			0.21236	4.54%
031.06	1		0.43500														
031.41	35	34	0.44583	0.01676	0.44552	0.01570	0.00188	3.52%	0.01504	0.01044	0.01831	3.37%	2.34%	4.11%	1.7539	0.01070	4.52%
031.42	21	21	0.43321	0.02737	0.43613	0.02441	0.00377	5.60%	0.02596	0.01224	0.02870	5.99%	2.83%	6.63%	2.3447	0.01137	4.53%
031.43	19	18	0.43894	0.02356	0.44290	0.01818	0.00295	4.10%	0.02294	0.00756	0.02416	5.23%	1.72%	5.50%	3.1965	0.01045	4.52%
031.44	3	3	0.43617	0.01168	0.43617	0.01168	0.00674	2.68%	0.01105	0.00534	0.01227	2.53%	1.22%	2.81%	2.2986	0.00633	4.53%
031.51	1		0.44970														
031.52	1		0.38430														
031.53	1		0.49500														
031.99	6	6	0.45575	0.11257	0.43658	0.03586	0.01035	8.21%	0.11234	0.01020	0.11280	24.65%	2.24%	24.75%	11.057	0.01117	4.53%
032.02	1		2.0200														
032.31	15	13	1.9398	0.13167	1.9437	0.10729	0.01959	5.52%	0.13127	0.01458	0.13208	6.77%	0.75%	6.81%	9.0574	0.03431	3.62%
032.32	3	2	1.9445	0.00071	1.9445	0.00071	0.00050	0.04%		0.01581			0.81%			0.01667	3.62%
032.41	28	24	1.9460	0.11931	1.9657	0.10913	0.01485	5.55%	0.11872	0.01680	0.11990	6.10%	0.86%	6.16%	7.1385	0.02850	3.61%
032.42	17	16	2.0037	0.10954	1.9898	0.12712	0.02180	6.39%	0.10465	0.04578	0.11423	5.22%	2.28%	5.70%	2.4952	0.04440	3.61%
032.43	15	12	1.9720	0.21302	1.9233	0.10092	0.01907	5.25%	0.21100	0.04141	0.21503	10.70%	2.10%	10.90%	5.1929	0.05369	3.62%
032.44	2	0															
032.51	1		2.0361														
032.52	1		1.9684														

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032.53	1		2.1150														
032.99	3	3	1.8950	0.19755	1.8950	0.19755	0.11405	10.42%	0.19710	0.01871	0.19799	10.40%	0.99%	10.45%	10.583	0.02333	3.63%
033.00	28	24	0.97368	0.09432	0.97057	0.09670	0.01341	9.96%	0.09402	0.01061	0.09462	9.66%	1.09%	9.72%	8.9202	0.01420	4.02%
033.01	36	31	1.0949	0.02813	1.0932	0.02608	0.00316	2.39%	0.02592	0.01548	0.03018	2.37%	1.41%	2.76%	1.9504	0.01928	3.95%
033.03	6	6	1.0000	0.07064	1.0142	0.05652	0.01632	5.57%	0.06177	0.04848	0.07852	6.18%	4.85%	7.85%	1.6197	0.04667	3.99%
033.05	3	3	1.0067	0.17294	1.0067	0.17294	0.09985	17.18%	0.17193	0.02646	0.17395	17.08%	2.63%	17.28%	6.5747	0.03333	4.00%
033.99	11	10	0.99040	0.18819	1.0423	0.15771	0.03362	15.13%	0.18761	0.02089	0.18877	18.94%	2.11%	19.06%	9.0384	0.02255	3.97%
034.01	2	0															
034.04	4	3	0.57000	0.05568	0.57000	0.05568	0.03215	9.77%	0.05508	0.01155	0.05627	9.66%	2.03%	9.87%	4.8734	1.0100	17.41%
034.41	1		0.62600														
034.43	1		0.47070														
034.52	2	0															
034.53	4	4	0.76060	0.14696	0.76060	0.14696	0.07348	19.32%	0.14645	0.01733	0.14747	19.25%	2.28%	19.39%	8.5076	0.01760	16.67%
034.99	1		0.59500														
035.01	2	0															
035.05	5	4	0.28625	0.00250	0.28625	0.00250	0.00125	0.87%		0.00612			2.14%			0.00800	4.83%
035.31	20	18	0.28814	0.02165	0.28870	0.02160	0.00342	7.48%	0.02117	0.00643	0.02212	7.35%	2.23%	7.68%	3.4405	0.00799	4.82%
035.32	4	3	0.27908	0.04369	0.27908	0.04369	0.02522	15.65%	0.04329	0.00833	0.04408	15.51%	2.98%	15.79%	5.2940	0.25638	4.85%
035.41	34	30	0.28800	0.01459	0.28767	0.01569	0.00193	5.46%	0.01354	0.00770	0.01558	4.70%	2.67%	5.41%	2.0227	0.01035	4.82%
035.42	20	18	0.28233	0.01626	0.28048	0.01499	0.00243	5.34%	0.01551	0.00691	0.01698	5.49%	2.45%	6.01%	2.4569	0.00818	4.84%
035.43	15	14	0.27093	0.01838	0.27297	0.01660	0.00303	6.08%	0.01743	0.00827	0.01929	6.43%	3.05%	7.12%	2.3335	0.00999	4.86%
035.52	1		0.27620														
035.53	1		0.29500														
035.99	4	3	0.31000	0.08888	0.31000	0.08888	0.05132	28.67%	0.08888	0.00000	0.08888	28.67%	0.00%	28.67%		0.00750	4.77%
036.04	4	4	0.25238	0.02926	0.25238	0.02926	0.01463	11.59%	0.02803	0.01184	0.03043	11.11%	4.69%	12.06%	2.5706	0.01275	4.92%
036.42	22	20	0.25460	0.01344	0.25531	0.01505	0.00232	5.90%	0.01299	0.00489	0.01388	5.10%	1.92%	5.45%	2.8361	0.00489	4.91%
036.43	10	9	0.26085	0.01870	0.25867	0.01628	0.00384	6.29%	0.01814	0.00642	0.01924	6.95%	2.46%	7.38%	2.9989	0.00737	4.90%
036.99	2	0															
037.31	21	19	170.60	7.8168	171.13	7.8545	1.2419	4.59%	7.6839	2.0297	7.9474	4.50%	1.19%	4.66%	3.9156	2.3942	7.38%
037.32	3	3	163.30	22.740	163.30	22.740	13.129	13.93%	22.678	2.3716	22.802	13.89%	1.45%	13.96%	9.6143	3.0033	7.43%
037.33	1		159.22														
037.41	27	23	170.19	7.1744	168.86	7.3651	1.0214	4.36%	6.8134	3.1780	7.5181	4.00%	1.87%	4.42%	2.3657	3.8447	7.39%
037.42	19	17	170.23	11.507	169.58	11.857	1.9761	6.99%	11.289	3.1541	11.721	6.63%	1.85%	6.89%	3.7161	3.3444	7.39%
037.43	17	15	166.31	7.0821	167.12	7.6867	1.3588	4.60%	6.6963	3.2606	7.4479	4.03%	1.96%	4.48%	2.2842	3.6194	7.40%
037.44	1		170.00														
037.52	2	0															
037.53	1		176.00														
037.99	3	3	172.83	21.002	172.83	21.002	12.126	12.15%	20.920	2.6141	21.083	12.10%	1.51%	12.20%	8.0653	3.0000	7.37%
038.41	2	0															
038.42	3	3	1.6817	0.21519	1.6817	0.21519	0.12424	12.80%	0.19958	0.11380	0.22975	11.87%	6.77%	13.66%	2.0189	0.12333	14.79%
038.43	8	7	1.8791	0.39510	1.9621	0.49256	0.12314	25.10%	0.39243	0.06494	0.39776	20.88%	3.46%	21.17%	6.1250	0.08336	14.45%
038.52	1		3.2000														
038.53	4	4	1.7579	0.31499	1.7579	0.31499	0.15749	17.92%	0.29207	0.16679	0.33634	16.61%	9.49%	19.13%	2.0166	0.21650	14.69%

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040.42	1		29.700														
040.43	2	0															
040.52	1		27.500														
040.53	1		28.486														
041.52	1		0.42500														
041.53	1		0.68450														
042.00	2	0															
042.99	1		0.68000														
101.02	1		1,255.0														
102.01	1		134.50														
103.01	1		37.300														
104.00	2	0															
104.03	3	3	14.203	8.0539	14.203	8.0539	4.6499	56.70%	8.0341	0.79745	8.0736	56.57%	5.61%	56.84%	10.124	1.1133	10.73%
105.00	4	4	9.9025	3.6561	9.9025	3.6561	1.8281	36.92%	3.6514	0.26320	3.6608	36.87%	2.66%	36.97%	13.909	0.31000	11.33%
106.00	2	0															
106.01	1		16.600														
106.02	19	17	20.694	8.2005	19.373	3.5954	0.59923	18.56%	8.0754	2.0177	8.3237	39.02%	9.75%	40.22%	4.1253	2.4728	
107.00	1		33.150														
108.01	1		7.3500														
108.02	6	5	1.5910	0.62235	1.8462	0.94923	0.27402	51.41%	0.61141	0.16429	0.63310	38.43%	10.33%	39.79%	3.8536	0.27333	
108.99	1		1.5100														
109.02	20	18	192.20	43.831	200.02	32.026	5.0637	16.01%	42.879	12.848	44.763	22.31%	6.68%	23.29%	3.4839	11.892	7.21%
112.00	1		8.2350														
113.01	1		5.4650														
114.01	1		0.65150														
120.00	17	17	0.72447	0.01972	0.72641	0.01431	0.00245	1.97%	0.01825	0.01057	0.02109	2.52%	1.46%	2.91%	1.9947	0.01112	4.20%
120.01	1		0.68500														
120.02	2	0															
120.05	2	0															
120.99	1		0.76500														
121.00	17	17	0.76493	0.04122	0.76769	0.04065	0.00697	5.30%	0.04024	0.01265	0.04218	5.26%	1.65%	5.51%	3.3331	0.01339	4.16%
121.01	1		0.80150														
121.02	2	0															
121.05	2	0															
121.99	1		0.94000														
122.00	17	16	1.5741	0.03795	1.5717	0.02385	0.00409	1.52%	0.03597	0.01714	0.03984	2.28%	1.09%	2.53%	2.3242	0.01791	3.74%
122.01	1		1.5360														
122.02	2	0															
122.05	2	0															
122.99	1		1.4550														
124.00	17	16	0.22787	0.02392	0.22807	0.02349	0.00403	10.30%	0.02371	0.00448	0.02413	10.41%	1.96%	10.59%	5.3911	0.00472	5.00%
124.01	1		0.20650														
124.02	2	0															

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124.05	2	0															
124.99	1		0.27000														
125.00	17	15	1.8838	0.05800	1.8893	0.06244	0.01071	3.31%	0.05633	0.01953	0.05962	2.99%	1.04%	3.16%	3.0528	0.02432	3.63%
125.01	1		1.8345														
125.02	2	0															
125.05	2	0															
125.99	1		2.0300														
126.00	17	16	0.79844	0.01330	0.80073	0.01404	0.00241	1.75%	0.01131	0.00990	0.01503	1.42%	1.24%	1.88%	1.5178	0.00993	4.14%
126.01	1		0.75200														
126.02	2	0															
126.05	2	0															
126.99	1		0.88500														
127.00	17	16	0.34400	0.01790	0.34266	0.01720	0.00304	5.02%	0.01709	0.00750	0.01866	4.97%	2.18%	5.43%	2.4901	0.00859	4.70%
127.01	1		0.22300														
127.02	2	0															
127.05	2	0															
127.99	1		0.28500														
128.00	16	14	0.56474	0.02719	0.56885	0.02551	0.00451	4.48%	0.02695	0.00513	0.02743	4.77%	0.91%	4.86%	5.3483	0.00654	4.35%
128.01	1		0.57150														
128.02	2	0															
128.05	2	0															
128.99	1		0.63000														
129.00	17	16	0.98253	0.03326	0.98735	0.03634	0.00623	3.68%	0.03148	0.01517	0.03494	3.20%	1.54%	3.56%	2.3038	0.01519	4.01%
129.01	1		0.96000														
129.02	2	0															
129.05	2	0															
129.99	1		1.0050														
130.00	17	15	0.72845	0.03343	0.72959	0.03417	0.00604	4.68%	0.03280	0.00910	0.03404	4.50%	1.25%	4.67%	3.7406	0.01139	4.19%
130.01	1		0.65650														
130.02	2	0															
130.05	3	3	0.75850	0.01182	0.75850	0.01182	0.00683	1.56%	0.00931	0.01030	0.01389	1.23%	1.36%	1.83%	1.3477	0.01167	4.17%
130.99	1		0.72000														
131.00	16	14	0.20426	0.01109	0.20329	0.00861	0.00157	4.23%	0.01071	0.00402	0.01144	5.25%	1.97%	5.60%	2.8444	0.00435	5.08%
131.01	1		0.19150														
131.02	2	0															
131.05	1		0.09700														
131.99	1		0.05000														
132.00	16	15	0.66320	0.02877	0.65972	0.02344	0.00414	3.55%	0.02771	0.01093	0.02979	4.18%	1.65%	4.49%	2.7246	0.01352	4.26%
132.01	1		0.62200														
132.02	2	0															
132.05	2	0															
132.99	1		0.69000														
133.00	17	17	0.98843	0.04790	0.99125	0.04777	0.00819	4.82%	0.04710	0.01233	0.04869	4.77%	1.25%	4.93%	3.9498	0.01361	4.01%

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133.05	2	0															
133.99	2	0															
134.00	17	15	0.69270	0.01942	0.69206	0.01797	0.00318	2.60%	0.01878	0.00702	0.02005	2.71%	1.01%	2.89%	2.8548	0.00813	4.23%
134.01	1		0.69200														
134.02	2	0															
134.05	2	0															
134.99	1		0.72000														
135.00	17	14	0.58072	0.00946	0.58077	0.01258	0.00222	2.17%	0.00881	0.00485	0.01006	1.52%	0.84%	1.73%	2.0736	0.00671	4.34%
135.01	1		0.62000														
135.02	2	0															
135.05	2	0															
135.99	1		0.56500														
136.00	4	4	0.23008	0.05061	0.23008	0.05061	0.02531	22.00%	0.05029	0.00814	0.05094	21.86%	3.54%	22.14%	6.2571	0.00940	4.99%
136.01	4	4	0.22388	0.02153	0.22388	0.02153	0.01077	9.62%	0.02143	0.00302	0.02164	9.57%	1.35%	9.67%	7.1638	0.00325	5.01%
136.02	2	0															
136.03	3	3	0.23083	0.01761	0.23083	0.01761	0.01017	7.63%	0.01718	0.00549	0.01803	7.44%	2.38%	7.81%	3.2831	0.00633	4.99%
136.99	3	3	0.17367	0.02013	0.17367	0.02013	0.01162	11.59%	0.01968	0.00600	0.02058	11.33%	3.45%	11.85%	3.4292	0.00800	5.21%
137.00	11	9	0.45817	0.03547	0.45701	0.03275	0.00732	7.17%	0.03527	0.00533	0.03567	7.70%	1.16%	7.79%	6.6960	0.00842	4.50%
137.01	1		0.45000														
137.02	2	0															
137.05	2	0															
137.99	1		0.55000														
138.00	16	14	0.73968	0.02090	0.74286	0.01757	0.00311	2.36%	0.02052	0.00559	0.02127	2.77%	0.76%	2.88%	3.8061	0.01039	4.18%
138.01	1		0.82900														
138.02	2	0															
138.05	2	0															
138.99	1		0.83000														
139.00	1		0.14000														
139.02	1		0.00000														
160.99	8	8	0.85944	0.48921	0.85944	0.55477	0.13869	64.55%	0.48790	0.05055	0.49052	56.77%	5.88%	57.07%	9.7043	0.05413	4.09%
161.99	2																
162.99	6	6	0.38558	0.29583	0.34859	0.25438	0.07343	72.97%	0.29547	0.02051	0.29619	76.63%	5.32%	76.81%	14.439	0.02117	4.69%
163.99	4																
164.99	4	2	0.11655	0.01902	0.11655	0.01902	0.01345	16.32%	0.01285	0.01983	0.02363	11.03%	17.01%	20.28%	1.1917	0.01660	5.53%
165.99	6	5	1.5219	0.27842	1.5030	0.21591	0.06233	14.37%	0.27818	0.01658	0.27867	18.28%	1.09%	18.31%	16.807	0.02883	3.76%
166.99	2	0															
167.99	2	0															
361.04	1		0.00000														
365.05	1		0.00000														
400.01	3	2	0.51680	0.01386	0.51680	0.01386	0.00980	2.68%	0.01369	0.00303	0.01402	2.65%	0.59%	2.71%	4.6335	0.01893	
400.99	1		0.48900														
516.00	1		0.13500														
516.43	1		0.22985														



Method Code	Total # Labs Submitting	# Labs in Method Precision Calcs	Mean	SD	Assigned Value - Robust Mean	AAFCCO CS ffp - Robust sd	Uncertainty (U) - Robust	% RSD - Robust	Between Labs sL	Within Labs sr	Reproducibility sR	Between Labs %RSD	Within Labs %rsd	Reproducibility %RSD	sR/sr	Average Range (R-bar)	Horwitz %RSD
516.52	1		0.14500														
516.53	5	5	0.16350	0.03970	0.16350	0.03970	0.01775	24.28%	0.03849	0.01376	0.04087	23.54%	8.42%	25.00%	2.9708	0.01660	21.01%
518.41	3	2	0.10325	0.00955	0.10325	0.00955	0.00675	9.25%	0.00954	0.00050	0.00955	9.24%	0.48%	9.25%	19.105	0.01133	22.00%
518.43	2	0															
518.52	1		0.00000														
518.53	5	5	0.17405	0.00801	0.17405	0.00801	0.00358	4.60%	0.00695	0.00564	0.00895	3.99%	3.24%	5.14%	1.5867	0.00698	20.81%
520.41	2	0															
520.43	4	3	8.8180	0.10295	8.8180	0.10295	0.05944	1.17%	0.05892	0.11939	0.13313	0.67%	1.35%	1.51%	1.1152	0.26385	11.53%
520.52	1		0.14500														
520.53	3	3	6.2299	2.5298	6.2299	2.5298	1.4606	40.61%	2.3052	1.4736	2.7360	37.00%	23.65%	43.92%	1.8567	1.7257	12.15%
520.99	1		9.4605														
526.31	1		0.03400														
526.41	1		0.10500														
526.43	3	0														0.24385	
526.52	1		0.42000														
526.53	5	4	0.22196	0.02091	0.22196	0.02091	0.01045	9.42%	0.01748	0.01623	0.02385	7.87%	7.31%	10.75%	1.4698	0.04994	20.06%
529.00	1		0.00000														
529.99	2																
539.41	2	0															
539.43	1		4.7144														
539.52	1		2.1500														
539.53	3	3	3.5888	0.89182	3.5888	0.89182	0.51489	24.85%	0.75004	0.68231	1.0140	20.90%	19.01%	28.25%	1.4861	0.78153	13.20%
600.01	4	4	2.9525	1.8822												0.55000	
600.11	1		2.0000														
600.98	1		3.9000														
610.01	2	0															
642.21	1		94.900														
710.99	2	0															
714.99	1		0.63500														
716.99	1		16.245														
718.99	2	0															
720.99	1		0.45000														
722.99	1		4.5700														
724.99	1		17.985														
726.99	2	0															
728.99	1		0.41600														
732.99	1		0.39500														
736.99	1		0.00100														
738.99	1		0.00000														
740.99	2																
744.99	1		0.00000														
746.99	1		0.00000														
748.99	1		0.00000														

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750.99	2																
752.99	1		0.00000														
754.99	1		0.41650														
756.99	1		1.5885														
758.99	1		22.790														
762.99	1		20.960														
766.99	1		52.825														
772.99	1		2.9250														