

AAFCO Check Sample Program

All Methods Report

Sort by Method

Proficiency For Individual Methods

Sample # 201491

Horse Mineral



AAFCO

Check Sample Program

Issue Date : 12/31/2014

Method Code	Total # Labs Submitting	# Labs Included In Method 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														
000.99	1		0.00500														
001.00	4	3	3.9347	1.5876	4.1260	1.3516	0.47785	32.76%	1.5873	0.04495	1.5879	40.34%	1.14%	40.36%	35.325	0.14128	3.23%
001.03	5	4	3.9788	0.32697	3.8960	0.33826	0.10697	8.68%	0.32688	0.01061	0.32705	8.22%	0.27%	8.22%	30.835	0.07200	3.26%
001.05	1		4.2050														
001.07	20	19	4.1109	0.40846	4.0818	0.35916	0.05679	8.80%	0.39971	0.11891	0.41702	9.72%	2.89%	10.14%	3.5070	0.14850	3.24%
001.08	1		4.6250														
001.99	6	5	4.2510	0.82641	4.5961	1.2735	0.36762	27.71%	0.82035	0.14132	0.83243	19.30%	3.32%	19.58%	5.8906	0.13667	3.18%
002.01	7	6	3.8840	0.12624	3.8345	0.19760	0.05281	5.15%	0.09001	0.12518	0.15418	2.32%	3.22%	3.97%	1.2317	0.13780	3.27%
002.04	1		3.8400														
002.05	11	10	3.8694	0.13907	3.8890	0.16640	0.03548	4.28%	0.13648	0.03777	0.14161	3.53%	0.98%	3.66%	3.7497	0.05965	3.26%
002.06	49	47	3.9201	0.24355	3.9321	0.25953	0.02649	6.60%	0.23462	0.09241	0.25217	5.99%	2.36%	6.43%	2.7287	0.10425	3.25%
002.08	1		3.9300														
002.11	1		25.210														
002.99	1		3.9150														
003.00	3	3	4.4448	2.4881	4.4448	2.4881	1.0157	55.98%	2.4880	0.02748	2.4881	55.98%	0.62%	55.98%	90.558	0.03293	3.20%
003.01	1		1.2550														
003.06	10	8	2.7671	0.14074	2.7198	0.10922	0.02574	4.02%	0.13710	0.04501	0.14429	4.95%	1.63%	5.21%	3.2061	0.04703	3.44%
003.09	3	2	1.4500	2.0506	1.8850	1.6341	0.66711	86.69%	2.0506	0.00000	2.0506	141.42%	0.00%	141.42%		0.01667	3.64%
003.10	6	6	2.3636	0.26869	2.3565	0.29311	0.08461	12.44%	0.24702	0.14949	0.28873	10.45%	6.32%	12.22%	1.9315	0.17968	3.52%
003.11	1		0.13500														
003.12	1		2.6900														
003.13	4	4	2.3975	0.35542	2.3975	0.35542	0.12566	14.82%	0.35344	0.05296	0.35738	14.74%	2.21%	14.91%	6.7488	0.06050	3.51%
003.14	11	10	2.3000	0.84946	2.2838	0.69695	0.14859	30.52%	0.84544	0.11670	0.85346	36.76%	5.07%	37.11%	7.3130	0.14545	3.53%
004.00	10	9	2.3922	0.23052	2.4383	0.29678	0.06636	12.17%	0.20944	0.13618	0.24982	8.76%	5.69%	10.44%	1.8345	0.20361	3.50%
004.03	1		2.4650														
004.06	7	7	2.2339	0.30948	2.2339	0.35095	0.09380	15.71%	0.30536	0.07120	0.31355	13.67%	3.19%	14.04%	4.4037	0.07703	3.54%
004.07	13	13	3.1704	1.5408	3.0776	1.3990	0.27437	45.46%	1.5365	0.16311	1.5451	48.46%	5.14%	48.73%	9.4727	0.15970	3.38%
005.00	55	50	65.264	0.61582	65.195	0.43799	0.04295	0.67%	0.60892	0.13001	0.62265	0.93%	0.20%	0.95%	4.7891	0.15820	2.13%
005.02	1		65.650														
005.05	16	14	65.530	0.80797	65.610	0.85937	0.15690	1.31%	0.80206	0.13788	0.81383	1.22%	0.21%	1.24%	5.9024	0.12080	2.13%
005.11	1		15.645														

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005.99	3	3	65.713	0.44613	65.713	0.44613	0.18213	0.68%	0.44426	0.05774	0.44800	0.68%	0.09%	0.68%	7.7595	0.06667	2.13%
006.01	1		1.3300														
006.99	2	0															
008.02	3	2	3.4743	0.31714	4.3662	1.5610	0.63729	35.75%	0.31700	0.01312	0.31727	9.12%	0.38%	9.13%	24.174	0.31233	3.20%
008.05	1		4.2500														
008.08	11	10	3.0898	0.25784	3.1357	0.32676	0.06966	10.42%	0.11958	0.32306	0.34448	3.87%	10.46%	11.15%	1.0663	0.34152	3.37%
009.04	1		4.6500														
009.07	1		5.6490														
009.09	11	10	4.9030	0.88339	4.9947	0.60745	0.12951	12.16%	0.86441	0.25754	0.90196	17.63%	5.25%	18.40%	3.5022	0.35646	3.14%
009.99	2	0															
010.03	3	3	4.0883	0.56183	4.0883	0.56183	0.22937	13.74%	0.55640	0.11023	0.56722	13.61%	2.70%	13.87%	5.1459	0.13000	3.24%
010.11	2	0															
010.99	5	5	4.0808	0.50905	4.0808	0.50905	0.16098	12.47%	0.48260	0.22903	0.53419	11.83%	5.61%	13.09%	2.3324	0.24900	3.24%
011.01	35	33	6.9520	0.93583	7.0111	0.88304	0.10708	12.59%	0.92860	0.16420	0.94301	13.36%	2.36%	13.56%	5.7431	0.18182	2.98%
011.02	2	0															
011.03	1		4.1500														
011.99	2	0															
012.00	4	3	0.83333	0.37859	0.76125	0.34109	0.12059	44.81%	0.37859	0.00000	0.37859	45.43%	0.00%	45.43%		0.04750	4.17%
012.01	4	4	1.2795	0.50604	1.2795	0.50604	0.17891	39.55%	0.49992	0.11090	0.51208	39.07%	8.67%	40.02%	4.6175	0.10033	3.85%
012.03	2	0															
012.04	1		1.1000														
013.00	8	7	3.4329	0.75924	3.3111	0.63182	0.16886	19.08%	0.75839	0.05085	0.76009	22.09%	1.48%	22.14%	14.948	0.05143	3.34%
013.02	11	11	3.4027	0.49567	3.3960	0.44992	0.09592	13.25%	0.48335	0.15529	0.50768	14.20%	4.56%	14.92%	3.2693	0.16952	3.33%
013.10	2	0															
013.13	1		2.9500														
015.41	6	6	3,482.5	456.61	3,563.0	340.88	98.403	9.57%	437.88	183.08	474.61	12.57%	5.26%	13.63%	2.5923	186.58	4.67%
015.42	1		4,193.1														
015.43	7	6	3,673.6	282.04	3,687.4	294.73	85.080	7.99%	276.89	75.843	287.09	7.54%	2.06%	7.81%	3.7853	88.638	4.65%
015.53	1		4,010.0														
017.41	3	3	21.571	6.0550	21.571	6.0550	2.4719	28.07%	6.0441	0.51324	6.0659	28.02%	2.38%	28.12%	11.819	0.68267	10.08%
017.42	2	0															
017.43	6	6	26.945	16.131	27.743	16.529	4.7714	59.58%	16.110	1.1810	16.153	59.79%	4.38%	59.95%	13.677	1.2433	9.70%
019.00	14	12	13.561	0.18298	13.581	0.21504	0.04217	1.58%	0.17092	0.09241	0.19430	1.26%	0.68%	1.43%	2.1025	0.08469	2.70%
019.03	1		14.186														
019.08	10	9	13.905	0.73356	13.821	0.48320	0.11389	3.50%	0.73146	0.07839	0.73565	5.26%	0.56%	5.29%	9.3847	0.07562	2.69%
019.09	1		13.510														
019.31	24	20	13.695	0.55556	13.635	0.59419	0.08761	4.36%	0.53613	0.20598	0.57433	3.91%	1.50%	4.19%	2.7883	0.26004	2.70%
019.32	3	3	14.617	0.57204	14.617	0.57204	0.23354	3.91%	0.55926	0.17010	0.58455	3.83%	1.16%	4.00%	3.4366	0.21333	2.67%
019.33	1		13.870														
019.41	32	29	13.756	0.78875	13.782	0.50927	0.06468	3.70%	0.76573	0.26751	0.81111	5.57%	1.94%	5.90%	3.0321	0.30540	2.70%
019.42	18	18	13.775	1.0948	13.847	1.0856	0.18093	7.84%	1.0719	0.31517	1.1173	7.78%	2.29%	8.11%	3.5450	0.33454	2.69%
019.43	22	20	13.516	0.77625	13.540	0.50143	0.07559	3.70%	0.75527	0.25348	0.79667	5.59%	1.88%	5.89%	3.1429	0.27818	2.70%
019.44	1		13.500														

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019.52	1		14.960														
019.53	1		13.765														
019.99	6	6	13.282	1.1350	13.452	0.61070	0.17629	4.54%	1.1267	0.19374	1.1432	8.48%	1.46%	8.61%	5.9009	0.18383	2.70%
021.00	1		25.990														
021.31	8	7	35.452	3.8653	35.407	2.5885	0.69181	7.31%	3.8161	0.86952	3.9139	10.76%	2.45%	11.04%	4.5012	0.96271	9.35%
021.32	1		45.500														
021.41	5	4	28.646	6.4929	58.717	67.475	21.337	114.92%	6.4911	0.22021	6.4948	22.66%	0.77%	22.67%	29.494	1.3903	8.67%
021.42	2	0															
021.43	8	6	30.694	2.9572	31.578	2.5574	0.68351	8.10%	2.9474	0.34026	2.9670	9.60%	1.11%	9.67%	8.7198	0.57286	9.51%
021.52	3	3	33.903	2.1737	33.903	2.1737	0.88742	6.41%	2.0851	0.86891	2.2589	6.15%	2.56%	6.66%	2.5997	0.96667	9.41%
021.53	4	4	33.401	3.1745	33.401	3.1745	1.1223	9.50%	2.9423	1.6851	3.3907	8.81%	5.04%	10.15%	2.0122	2.0395	9.43%
022.31	21	18	1,105.1	128.18	1,098.8	115.58	18.275	10.52%	126.96	25.013	129.40	11.49%	2.26%	11.71%	5.1732	22.659	5.58%
022.32	4	4	1,159.0	94.253	1,159.0	94.253	33.324	8.13%	92.943	22.147	95.545	8.02%	1.91%	8.24%	4.3141	28.000	5.53%
022.33	2	0															
022.41	29	27	1,146.8	70.569	1,145.2	67.843	9.0659	5.92%	67.183	30.541	73.799	5.86%	2.66%	6.44%	2.4164	33.518	5.54%
022.42	18	15	1,161.0	88.638	1,152.8	94.170	16.150	8.17%	87.939	15.708	89.331	7.57%	1.35%	7.69%	5.6869	16.752	5.54%
022.43	21	20	1,140.8	75.114	1,150.0	74.994	11.572	6.52%	70.671	35.993	79.309	6.19%	3.15%	6.95%	2.2035	35.474	5.54%
022.44	1		1,145.0														
022.52	2	0															
022.53	2	0															
022.99	2	0															
023.01	1		0.15750														
024.01	1		2.2050														
024.03	1		9,200.0														
025.31	21	18	6,114.5	1,916.0	6,424.5	1,182.1	186.91	18.40%	1,915.5	62.257	1,916.5	31.33%	1.02%	31.34%	30.784	80.262	4.28%
025.32	3	3	5,335.4	4,239.1	5,335.4	4,239.1	1,730.6	79.45%	4,238.1	126.31	4,240.0	79.43%	2.37%	79.47%	33.567	152.50	4.40%
025.33	2	0															
025.41	30	26	6,704.7	711.33	6,834.9	675.01	88.633	9.88%	705.64	127.05	716.98	10.52%	1.89%	10.69%	5.6433	178.21	4.24%
025.42	17	16	6,359.5	613.65	6,289.2	749.63	128.56	11.92%	604.27	151.13	622.88	9.50%	2.38%	9.79%	4.1214	155.51	4.29%
025.43	20	18	6,895.0	668.36	6,864.9	636.58	103.27	9.27%	665.42	88.608	671.29	9.65%	1.29%	9.74%	7.5760	100.97	4.23%
025.52	2	0															
025.99	2	0															
027.31	19	18	1.9573	0.09466	1.9541	0.09720	0.01577	4.97%	0.09256	0.02806	0.09672	4.73%	1.43%	4.94%	3.4474	0.03381	3.62%
027.32	4	3	1.9950	0.04500	2.1713	0.35441	0.12530	16.32%	0.03342	0.04262	0.05416	1.68%	2.14%	2.71%	1.2707	0.09250	3.56%
027.33	1		2.1400														
027.41	29	28	1.9667	0.13479	1.9503	0.13401	0.01760	6.87%	0.13173	0.04037	0.13778	6.70%	2.05%	7.01%	3.4133	0.03823	3.62%
027.42	17	16	1.9310	0.18639	1.9328	0.20748	0.03668	10.73%	0.18237	0.05445	0.19033	9.44%	2.82%	9.86%	3.4951	0.05403	3.62%
027.43	20	19	1.9033	0.13876	1.9125	0.11837	0.01872	6.19%	0.13760	0.02529	0.13991	7.23%	1.33%	7.35%	5.5321	0.03123	3.63%
027.44	1		1.7350														
027.52	1		2.1800														
027.53	1		1.8950														
027.99	3	3	1.9817	0.19496	1.9817	0.19496	0.07959	9.84%	0.19313	0.03764	0.19677	9.75%	1.90%	9.93%	5.2278	0.03667	3.61%
028.31	19	15	2,167.8	346.07	2,164.1	329.46	54.910	15.22%	344.79	42.059	347.35	15.90%	1.94%	16.02%	8.2585	51.760	5.04%

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028.32	3	3	2,342.8	11.558	2,342.8	11.558	4.7185	0.49%		50.175			2.14%			67.000	4.98%
028.33	2	0															
028.41	28	27	2,373.1	127.14	2,357.3	129.83	17.349	5.51%	121.14	54.604	132.88	5.10%	2.30%	5.60%	2.4335	63.714	4.97%
028.42	18	16	2,358.6	239.34	2,353.3	257.03	44.080	10.92%	237.68	39.805	240.99	10.08%	1.69%	10.22%	6.0542	52.969	4.97%
028.43	21	18	2,393.7	106.87	2,384.0	95.060	15.030	3.99%	97.951	60.452	115.10	4.09%	2.53%	4.81%	1.9041	65.011	4.96%
028.44	2	0															
028.52	2	0															
028.53	1		2,415.0														
028.99	2	0															
031.00	2	0															
031.01	40	34	8.6377	0.35943	8.6037	0.28778	0.03345	3.34%	0.35513	0.07839	0.36368	4.11%	0.91%	4.21%	4.6392	0.09755	2.89%
031.02	3	3	8.6208	0.05796	8.6208	0.05796	0.02366	0.67%	0.04228	0.05607	0.07022	0.49%	0.65%	0.81%	1.2524	0.07510	2.89%
031.03	4	4	8.9297	0.34090	8.9297	0.34090	0.12053	3.82%	0.32928	0.12481	0.35214	3.69%	1.40%	3.94%	2.8213	0.13078	2.88%
031.06	1		7.4735														
031.41	30	27	8.6874	0.50399	8.6605	0.33753	0.04432	3.90%	0.48752	0.18071	0.51994	5.61%	2.08%	5.98%	2.8772	0.20690	2.89%
031.42	20	20	8.6171	0.56845	8.5868	0.48872	0.07727	5.69%	0.55007	0.20274	0.58625	6.38%	2.35%	6.80%	2.8916	0.20925	2.89%
031.43	21	20	8.5758	0.38013	8.5749	0.30776	0.04749	3.59%	0.36357	0.15697	0.39601	4.24%	1.83%	4.62%	2.5227	0.15107	2.89%
031.44	1		8.0050														
031.53	1		8.4505														
031.99	7	6	8.4158	0.24814	8.3400	0.31242	0.08350	3.75%	0.24292	0.07159	0.25325	2.89%	0.85%	3.01%	3.5376	0.07714	2.91%
032.02	2	0															
032.08	1		0.91950														
032.31	20	18	1.1117	0.12056	1.1041	0.09621	0.01561	8.71%	0.11848	0.03153	0.12261	10.66%	2.84%	11.03%	3.8883	0.04915	3.94%
032.32	3	3	1.1783	0.09251	1.1783	0.09251	0.03777	7.85%	0.09192	0.01472	0.09309	7.80%	1.25%	7.90%	6.3246	0.01667	3.90%
032.41	29	25	1.1706	0.13158	1.1643	0.06085	0.00828	5.23%	0.12912	0.03584	0.13400	11.03%	3.06%	11.45%	3.7392	0.04670	3.91%
032.42	19	17	1.1131	0.10358	1.1160	0.10559	0.01760	9.46%	0.10242	0.02192	0.10474	9.20%	1.97%	9.41%	4.7775	0.02708	3.93%
032.43	21	20	1.1372	0.10383	1.1264	0.08116	0.01252	7.21%	0.10234	0.02474	0.10529	9.00%	2.18%	9.26%	4.2561	0.02900	3.93%
032.44	1		1.0850														
032.53	1		1.1730														
032.99	4	4	1.1248	0.13106	1.1248	0.13106	0.04634	11.65%	0.13025	0.02062	0.13187	11.58%	1.83%	11.72%	6.3966	0.02500	3.93%
033.00	24	22	14.120	0.46563	14.184	0.45368	0.06689	3.20%	0.46426	0.05055	0.46700	3.29%	0.36%	3.31%	9.2391	0.06190	2.68%
033.01	30	25	14.649	0.56322	14.504	0.26106	0.03428	1.80%	0.56162	0.06004	0.56482	3.83%	0.41%	3.86%	9.4071	0.08657	2.67%
033.03	6	5	14.369	0.82532	14.102	1.1188	0.32297	7.93%	0.78108	0.37700	0.86731	5.44%	2.62%	6.04%	2.3005	0.37500	2.69%
033.05	5	4	14.298	0.19470	14.677	0.86518	0.27359	5.89%	0.13783	0.19449	0.23837	0.96%	1.36%	1.67%	1.2256	0.25000	2.67%
033.99	6	5	14.156	1.3781	14.508	1.0775	0.31105	7.43%	1.3748	0.13561	1.3814	9.71%	0.96%	9.76%	10.187	0.25967	2.67%
034.01	1		17.435														
034.04	5	5	18.207	0.96615	18.207	0.96615	0.30552	5.31%	0.90590	0.47494	1.0229	4.98%	2.61%	5.62%	2.1536	0.47800	10.34%
034.34	1		83.500														
034.41	2	0															
034.42	2	0															
034.43	5	5	16.600	1.8009	16.600	1.8009	0.56950	10.85%	1.7824	0.36407	1.8192	10.74%	2.19%	10.96%	4.9969	0.36860	10.48%
034.52	3	3	18.070	1.6531	18.070	1.6531	0.67487	9.15%	1.5444	0.83367	1.7550	8.55%	4.61%	9.71%	2.1052	1.1667	10.35%
034.53	5	5	17.965	1.3284	17.965	1.3284	0.42009	7.39%	1.1859	0.84671	1.4571	6.60%	4.71%	8.11%	1.7209	1.0948	10.36%

Method Code	Total # Labs Submitting	# Labs Included In Method 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
034.99	2	0															
035.01	2	0															
035.05	3	3	2.9783	2.9901	2.9783	2.9901	1.2207	100.39%	2.9898	0.05845	2.9904	100.38%	1.96%	100.40%	51.159	0.06333	3.39%
035.31	17	14	5.5877	0.30134	5.5439	0.34210	0.06048	6.17%	0.29839	0.05942	0.30425	5.34%	1.06%	5.44%	5.1201	0.06989	3.09%
035.32	1		7.6450														
035.41	27	26	5.6138	0.39476	5.6128	0.40032	0.05448	7.13%	0.38147	0.14360	0.40761	6.80%	2.56%	7.26%	2.8384	0.15226	3.09%
035.42	16	15	5.6409	0.37929	5.6520	0.33057	0.05844	5.85%	0.36952	0.12100	0.38882	6.55%	2.15%	6.89%	3.2133	0.13099	3.08%
035.43	14	13	5.3232	0.49591	5.3614	0.48809	0.09224	9.10%	0.49257	0.08116	0.49922	9.25%	1.52%	9.38%	6.1510	0.10478	3.11%
035.53	1		5.6140														
035.99	4	3	5.6650	0.49571	8.2588	5.2033	1.8396	63.00%	0.49165	0.08954	0.49973	8.68%	1.58%	8.82%	5.5814	0.09250	2.91%
036.00	1		1.8850														
036.04	4	4	1.2483	0.41449	1.2483	0.41449	0.14654	33.20%	0.41426	0.01965	0.41472	33.19%	1.57%	33.22%	21.101	0.02420	3.87%
036.42	19	18	1.7333	0.15260	1.7487	0.18456	0.02994	10.55%	0.15007	0.03913	0.15509	8.66%	2.26%	8.95%	3.9636	0.04293	3.68%
036.43	9	8	1.7082	0.05463	1.7134	0.06059	0.01428	3.54%	0.05169	0.02498	0.05741	3.03%	1.46%	3.36%	2.2986	0.04100	3.69%
036.99	3	2	1.7890	0.01269	1.6910	0.16996	0.06939	10.05%	0.01269	0.00035	0.01269	0.71%	0.02%	0.71%	36.271	0.01023	3.70%
037.31	20	16	3,093.2	120.41	3,088.5	125.81	20.969	4.07%	115.83	46.485	124.81	3.74%	1.50%	4.04%	2.6850	70.795	4.77%
037.32	4	4	3,224.6	268.47	3,224.6	268.47	94.919	8.33%	266.99	39.870	269.95	8.28%	1.24%	8.37%	6.7707	46.750	4.74%
037.33	2	0															
037.41	28	25	3,156.2	243.06	3,135.4	246.72	33.574	7.87%	238.64	65.213	247.39	7.56%	2.07%	7.84%	3.7936	98.314	4.76%
037.42	17	16	3,164.1	479.29	3,158.1	486.28	83.396	15.40%	472.59	112.90	485.89	14.94%	3.57%	15.36%	4.3039	129.82	4.76%
037.43	22	20	3,176.2	190.68	3,165.9	215.82	33.303	6.82%	185.27	63.764	195.94	5.83%	2.01%	6.17%	3.0729	83.033	4.76%
037.44	1		3,210.0														
037.52	2	0															
037.53	1		3,198.5														
037.99	3	3	3,172.3	183.42	3,172.3	183.42	74.880	5.78%	175.73	74.319	190.80	5.54%	2.34%	6.01%	2.5673	86.000	4.75%
038.34	1		8.1600														
038.41	3	3	13.535	13.828	13.535	13.828	5.6454	102.17%	13.825	0.43314	13.832	102.14%	3.20%	102.19%	31.934	0.57823	10.81%
038.42	3	3	6.6067	2.8092	6.6067	2.8092	1.1468	42.52%	2.6615	1.2710	2.9494	40.29%	19.24%	44.64%	2.3206	1.3200	12.04%
038.43	9	7	5.6585	0.57604	5.7047	0.69426	0.16364	12.17%	0.54178	0.27673	0.60836	9.57%	4.89%	10.75%	2.1984	0.41103	12.31%
038.52	2	0															
038.53	5	5	6.2553	0.95864	6.2553	0.95864	0.30315	15.33%	0.93763	0.28224	0.97919	14.99%	4.51%	15.65%	3.4694	0.35910	12.14%
040.52	1		11.000														
040.53	1		12.730														
041.41	1		42.400														
041.43	1		54.500														
041.53	1		60.150														
042.00	2	0															
101.01	1		728.00														
101.02	2	0															
102.00	1		30.480														
102.01	1		72.500														
102.02	1		941.00														
103.01	1		100.70														

Method Code	Total # Labs Submitting	# Labs Included In Method 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
103.99	1		120.34														
104.00	2	0															
104.03	4	3	25.527	0.54049	19.763	11.537	4.0789	58.38%		1.4119			5.53%		1.4450	10.21%	
105.00	6	6	112.47	17.173	112.47	19.474	5.6217	17.32%	16.809	4.9715	17.529	14.95%	4.42%	15.59%	3.5259	5.6727	7.86%
106.00	3	2	336.69	42.158	24,498	41,849	17,085	170.82%	41.302	11.950	42.997	12.27%	3.55%	12.77%	3.5979	1,026.1	8.78%
106.01	1		343.00														
106.02	25	23	353.77	126.98	333.75	72.837	10.301	21.82%	126.60	13.917	127.36	35.79%	3.93%	36.00%	9.1516	19.277	16.75%
107.00	1		165.00														
108.01	2	0															
108.02	5	4	47.210	30.731	50.710	27.740	8.7723	54.70%	30.669	2.7509	30.792	64.96%	5.83%	65.22%	11.193	6.7512	22.25%
108.99	3	3	83.450	32.266	83.450	32.266	13.173	38.67%	32.163	3.6486	32.369	38.54%	4.37%	38.79%	8.8716	4.9513	20.64%
109.02	26	25	1,533.5	455.20	1,593.0	356.21	50.375	22.36%	452.98	63.464	457.40	29.54%	4.14%	29.83%	7.2073	65.878	5.27%
109.99	1		2,510.0														
112.00	1		15.730														
113.01	1		5.3550														
113.99	1		11.295														
114.01	2	0															
120.00	3	3	0.18273	0.00689	0.18273	0.00689	0.00281	3.77%	0.00339	0.00848	0.00913	1.86%	4.64%	5.00%	1.0770	0.01173	5.17%
120.01	1		0.17100														
120.02	1		0.14000														
120.05	2	0															
121.00	3	3	0.22915	0.02182	0.22915	0.02182	0.00891	9.52%	0.02139	0.00614	0.02225	9.33%	2.68%	9.71%	3.6251	0.00837	4.99%
121.01	1		0.25250														
121.02	1		0.26000														
121.05	2	0															
122.00	3	3	0.26437	0.00409	0.26437	0.00409	0.00167	1.55%		0.00631			2.39%		0.00727	4.89%	
122.01	1		0.26400														
122.02	1		0.24000														
122.05	2	0															
124.00	3	2	0.05000	0.00000	0.04933	0.00115	0.00047	2.34%	0.00000	0.00000	0.00000	0.00%	0.00%	0.00%	0.00307	6.29%	
124.01	1		0.05050														
124.02	1		0.09500														
124.05	1		0.02150														
124.99	1		0.08350														
125.00	3	2	0.60500	0.02121	0.59543	0.02235	0.00912	3.75%	0.02121	0.00000	0.02121	3.51%	0.00%	3.51%	0.00147	4.32%	
125.01	1		0.60800														
125.02	1		0.52000														
125.05	2	0															
126.00	3	3	0.14120	0.00336	0.14120	0.00336	0.00137	2.38%	0.00111	0.00449	0.00463	0.78%	3.18%	3.28%	1.0298	0.00487	5.37%
126.01	1		0.14400														
126.02	1		0.13000														
126.05	2	0															
127.00	3	2	0.08868	0.00187	0.10578	0.02966	0.01211	28.04%	0.00185	0.00045	0.00190	2.08%	0.51%	2.14%	4.2237	0.00697	5.61%

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127.01	1		0.09350														
127.02	1		0.10000														
127.05	2	0															
128.00	3	2	0.12000	0.01414	0.11760	0.01083	0.00442	9.21%	0.01414	0.00000	0.01414	11.79%	0.00%	11.79%		0.00267	5.52%
128.01	1		0.10800														
128.02	1		0.08000														
128.05	2	0															
129.00	3	2	0.27000	0.02828	0.26852	0.02016	0.00823	7.51%	0.02828	0.00000	0.02828	10.48%	0.00%	10.48%		0.00177	4.87%
129.01	1		0.28250														
129.02	1		0.21000														
129.05	2	0															
130.00	3	3	0.13648	0.02573	0.13648	0.02573	0.01050	18.85%	0.02493	0.00900	0.02651	18.27%	6.59%	19.42%	2.9463	0.01230	5.40%
130.01	1		0.10150														
130.02	1		0.18000														
130.05	2	0															
131.00	3	2	0.05000	0.00000	0.05912	0.01579	0.00645	26.71%	0.00000	0.00000	0.00000	0.00%	0.00%	0.00%		0.00130	6.12%
131.01	1		0.04550														
131.02	1		0.05000														
131.05	1		0.02200														
131.99	1		0.08050														
132.00	3	3	0.17233	0.01966	0.17233	0.01966	0.00802	11.41%	0.01769	0.01212	0.02144	10.26%	7.03%	12.44%	1.7695	0.01633	5.21%
132.01	1		0.15300														
132.02	1		0.14000														
132.05	2	0															
133.00	3	2	0.18500	0.00000	0.17668	0.01440	0.00588	8.15%		0.00707			3.82%			0.00977	5.19%
133.05	2	0															
133.99	1		0.23500														
134.00	3	2	0.15500	0.00707	0.15345	0.00568	0.00232	3.70%	0.00707	0.00000	0.00707	4.56%	0.00%	4.56%		0.00610	5.30%
134.01	1		0.15650														
134.02	1		0.14000														
134.05	2	0															
135.00	3	3	0.12312	0.01052	0.12312	0.01052	0.00429	8.54%	0.00900	0.00771	0.01185	7.31%	6.26%	9.62%	1.5373	0.01083	5.48%
135.01	1		0.12900														
135.02	1		0.11000														
135.05	2	0															
136.00	1		0.03500														
136.01	1		0.03250														
136.02	1		0.03000														
136.03	1		0.03400														
137.00	3	2	0.12548	0.02054	0.11365	0.02511	0.01025	22.09%	0.02054	0.00015	0.02054	16.37%	0.12%	16.37%	136.94	0.00677	5.55%
137.01	1		0.10150														
137.02	1		0.13000														
137.05	2	0															

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138.00	3	2	0.15505	0.00007	0.16003	0.00863	0.00352	5.39%		0.00751			4.84%			0.00707	5.27%
138.01	1		0.16400														
138.02	1		0.10000														
138.05	2	0															
139.00	1		0.01000														
139.02	1		0.00000														
160.99	2	0															
161.99	2	0															
162.99	2	0															
163.99	2	0															
164.99	2	0															
165.99	3	3	0.24950	0.08314	0.24950	0.08314	0.03394	33.32%	0.07756	0.04235	0.08837	31.09%	16.97%	35.42%	2.0867	0.05700	4.93%
166.99	1		0.00000														
167.99	1		0.00000														
400.01	2	0															
516.00	2	0															
516.42	1		0.71500														
516.43	2	0															
516.52	2	0															
516.53	6	6	6.2166	0.73980	6.0334	0.46064	0.13297	7.63%	0.64785	0.50516	0.82152	10.42%	8.13%	13.21%	1.6263	0.49038	12.21%
518.31	2	0															
518.34	4	4	2.4861	1.1442	2.4861	1.1442	0.40453	46.02%	1.1159	0.35729	1.1717	44.89%	14.37%	47.13%	3.2795	0.39113	13.95%
518.41	4	3	1.2221	0.44929	3.2266	4.0257	1.4233	124.77%	0.44772	0.05317	0.45086	36.64%	4.35%	36.89%	8.4796	0.11663	13.41%
518.43	5	4	1.3200	0.92221	1.3643	0.80477	0.25449	58.99%	0.92215	0.01414	0.92226	69.86%	1.07%	69.87%	65.214	0.04220	15.27%
518.52	2	0															
518.53	5	5	1.5589	0.11643	1.5589	0.11643	0.03682	7.47%	0.09856	0.08765	0.13190	6.32%	5.62%	8.46%	1.5048	0.10642	14.96%
520.31	2	0															
520.34	1		54.135														
520.41	2	0															
520.43	5	3	54.812	0.70600	53.517	2.4453	0.77327	4.57%	0.55288	0.62090	0.83138	1.01%	1.13%	1.52%	1.3390	1.5697	8.79%
520.52	1		41.000														
520.53	4	4	53.528	3.2904	53.528	3.2904	1.1633	6.15%	2.2046	3.4543	4.0979	4.12%	6.45%	7.66%	1.1863	3.4791	8.79%
526.31	2	0															
526.33	1		0.75500														
526.34	2	0															
526.41	3	2	0.00000	0.00000	0.36125	0.62570	0.25544	173.21%	0.00000	0.00000	0.00000					0.00083	18.65%
526.43	2	0															
526.52	2	0															
526.53	6	5	1.7251	0.05965	1.7206	0.04023	0.01161	2.34%	0.05288	0.03904	0.06573	3.07%	2.26%	3.81%	1.6834	0.06707	14.74%
529.00	2	0															
529.99	6	5	22.000	22.190	24.556	22.285	6.4331	90.75%	22.061	3.3735	22.318	100.28%	15.33%	101.44%	6.6155	6.1200	9.88%
539.31	1		20.500														
539.34	1		25.135														

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539.41	2	0															
539.43	2	0															
539.52	1		23.500														
539.53	3	3	20.282	0.44936	20.282	0.44936	0.18345	2.22%		1.4465			7.13%			1.9861	10.17%
600.01	1		3.5000														
600.03	1		1.0000														
620.04	1		400.00														
640.01	1		54.850														