

# AAFCO Check Sample Program

All Methods Report

Sort by Method

Proficiency For Individual Methods

Sample # 201441

Fish Meal - Menhaden

Pet Food Add-on



# AAFCO

## Check Sample Program



Issue Date : 04/30/2014

Method Code	Total # Labs Submitting	# Labs Included in Calculations	Mean	SD	Assigned Value - Robust Mean	AAFCO CS fip - Robust sd	Uncertainty (U) - Robust	% RSD - Robust	Between Labs sL	Within Labs sI	Reproducibility sR	Between Labs %RSD	Within Labs %s/d	Reproducibility %RSD	sR/sr	Average Range (R-bar)	Horwitz %RSD
001.00	7	4	5.1700	0.35059	5.1700	0.35059	0.12395	6.78%	0.31576	0.21546	0.38227	6.11%	4.17%	7.39%	1.7742	0.24000	3.12%
001.07	6	5	5.1140	0.28159	5.0975	0.27202	0.07853	5.34%	0.27846	0.05916	0.28468	5.45%	1.16%	5.57%	4.8120	0.13333	3.13%
001.99	3	0			5.4175	0.30759	0.15380	5.68%								0.05500	3.10%
002.01	4	4	64.179	0.68929	64.179	0.68929	0.24370	1.07%	0.67569	0.19271	0.70263	1.05%	0.30%	1.09%	3.6460	0.23750	2.14%
002.02	1		64.340														
002.05	1		63.715														
002.06	143	49	64.985	0.45499	64.986	0.43829	0.04257	0.67%	0.44380	0.14184	0.46592	0.68%	0.22%	0.72%	3.2847	0.18662	2.13%
002.08	3	3	65.345	1.2670	65.345	1.2670	0.51726	1.94%	1.2625	0.15171	1.2715	1.93%	0.23%	1.95%	8.3813	0.19667	2.13%
002.11	1		67.590														
002.99	1		64.350														
003.00	4	3	8.9650	0.12319	9.3200	0.71709	0.25353	7.69%		0.66424			7.41%			0.63500	2.86%
003.01	1		8.7500														
003.06	3	3	7.9167	1.9736	7.9167	1.9736	0.80573	24.93%	1.9733	0.04726	1.9739	24.93%	0.60%	24.93%	41.768	0.06000	2.93%
003.09	8	6	8.6567	0.21135	8.5822	0.17480	0.04672	2.04%	0.14248	0.22077	0.26275	1.65%	2.55%	3.04%	1.1902	0.25176	2.89%
003.10	8	4	8.4938	0.09860	8.4938	0.09860	0.03486	1.16%	0.09652	0.02850	0.10064	1.14%	0.34%	1.18%	3.5308	0.03750	2.90%
003.11	1		8.6350														
003.12	1		8.7200														
003.13	4	3	8.6950	0.08660	9.2163	1.0449	0.36943	11.34%		0.12669			1.46%			0.29750	2.86%
003.14	2	0															
003.99	4	0			7.8025	2.2592	1.1296	28.95%								0.06500	2.94%
004.00	9	8	0.46169	0.24798	0.52150	0.33257	0.07839	63.77%	0.24352	0.06627	0.25237	52.75%	14.35%	54.66%	3.8084	0.09456	4.41%
004.06	1		0.41000														
004.07	7	5	0.27700	0.20312	0.34538	0.28022	0.08089	81.13%	0.19946	0.05431	0.20672	72.01%	19.61%	74.63%	3.8060	0.06500	4.69%
005.00	120	37	21.436	0.11476	21.437	0.11516	0.01304	0.54%	0.10822	0.05399	0.12094	0.50%	0.25%	0.56%	2.2400	0.06259	2.52%
005.03	2	0															
005.05	2	0															
005.11	1		13.750														

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005.99	2	0															
008.02	3	3	1.2817	0.25329	1.2817	0.25329	0.10341	19.76%	0.23576	0.13096	0.26969	18.39%	10.22%	21.04%	2.0594	0.13667	3.85%
008.08	2	0															
009.04	1		29.310														
009.07	2	0															
009.09	1		7.0750														
010.03	1		5.2250														
010.11	1		6.4300														
010.99	3	2	5.0200	0.00707	5.3833	0.62933	0.25692	11.69%		0.02915			0.58%		0.05333	3.10%	
011.01	94	26	5.9357	0.31066	5.9304	0.27186	0.03700	4.58%	0.30513	0.08254	0.31609	5.14%	1.39%	5.33%	3.8298	0.09799	3.06%
011.02	2	0															
011.03	21	3	5.7433	0.04537	5.7433	0.04537	0.01852	0.79%	0.03841	0.03416	0.05140	0.67%	0.59%	0.89%	1.5048	0.04667	3.07%
012.00	1		0.00000														
012.01	1		0.20500														
012.03	1		0.00000														
013.00	5	4	9.8250	0.64796	9.8250	0.64796	0.22909	6.59%	0.64544	0.08078	0.65047	6.57%	0.82%	6.62%	8.0526	0.09500	2.84%
013.02	102	23	9.9430	0.38326	10.018	0.34090	0.04920	3.40%	0.37593	0.10553	0.39046	3.78%	1.06%	3.93%	3.6999	0.13394	2.83%
013.10	2	0															
013.13	2	0															
015.41	3	3	1,347.6	123.10	1,347.6	123.10	50.254	9.13%	120.56	35.133	125.58	8.95%	2.61%	9.32%	3.5744	48.700	5.41%
015.53	1		1,725.0														
019.00	1		5.5500														
019.31	2	0															
019.32	2	0															
019.33	1		5.9925														
019.41	11	10	5.7138	0.14047	5.7412	0.18303	0.03902	3.19%	0.12020	0.10280	0.15817	2.10%	1.80%	2.77%	1.5386	0.11349	3.07%
019.42	2	0															
019.43	5	4	5.5975	0.43594	5.8268	0.63669	0.20134	10.93%	0.42899	0.10966	0.44278	7.66%	1.96%	7.91%	4.0378	0.39444	3.07%
019.44	1		5.8050														
021.31	1		1.5500														
021.41	1		1.9430														
021.43	3	3	2.1130	0.10279	2.1130	0.10279	0.04197	4.86%	0.09563	0.05331	0.10949	4.53%	2.52%	5.18%	2.0538	0.05797	14.29%
021.53	1		2.3000														
022.32	2	0															
022.33	1		6.8950														
022.41	7	7	4.8749	2.2076	4.2535	1.1578	0.30944	27.22%	2.1320	0.81004	2.2807	43.74%	16.62%	46.79%	2.8156	0.88943	12.86%
022.42	1		4.9830														
022.43	3	3	3.6817	1.4505	3.6817	1.4505	0.59215	39.40%	1.4426	0.21327	1.4583	39.18%	5.79%	39.61%	6.8378	0.25000	13.15%

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022.44	1		4.6750														
022.53	1		3.6150														
025.32	2	0															
025.33	1		1,256.0														
025.41	7	7	1,092.1	60.719	1,103.9	42.325	11.312	3.83%	59.480	17.258	61.933	5.45%	1.58%	5.67%	3.5886	21.843	5.57%
025.42	1		1,081.0														
025.43	7	7	1,086.6	152.34	1,117.8	104.37	27.895	9.34%	150.83	30.241	153.83	13.88%	2.78%	14.16%	5.0868	33.786	5.56%
027.31	1		0.27455														
027.32	2	0															
027.33	1		0.23600														
027.41	7	7	0.26704	0.00691	0.26666	0.00456	0.00122	1.71%	0.00630	0.00400	0.00746	2.36%	1.50%	2.79%	1.8656	0.00450	4.88%
027.42	1		0.25310														
027.43	5	5	0.27280	0.02810	0.27280	0.02810	0.00889	10.30%	0.02768	0.00688	0.02852	10.15%	2.52%	10.46%	4.1428	0.00800	4.86%
027.44	1		0.25250														
028.32	2	0															
028.33	1		66.960														
028.41	6	6	58.207	3.0286	58.059	3.1265	0.90253	5.39%	2.7548	1.7796	3.2796	4.73%	3.06%	5.63%	1.8429	2.0700	8.68%
028.42	1		57.300														
028.43	4	3	62.188	0.35015	64.344	4.3203	1.5275	6.71%		1.3054			2.10%			3.6275	8.55%
028.44	2	0															
031.01	3	3	3.3377	0.13387	3.3377	0.13387	0.05465	4.01%	0.12976	0.04658	0.13786	3.89%	1.40%	4.13%	2.9599	0.05467	3.34%
031.02	1		3.3500														
031.41	10	9	3.3146	0.08689	3.3334	0.10482	0.02344	3.14%	0.06906	0.07458	0.10164	2.08%	2.25%	3.07%	1.3629	0.08752	3.34%
031.42	2	0															
031.43	6	5	3.2500	0.22000	3.2500	0.22000	0.06957	6.77%	0.21937	0.02345	0.22062	6.75%	0.72%	6.79%	9.4074	0.03000	3.35%
031.44	1		3.3350														
032.32	1		0.87505														
032.41	7	7	0.92096	0.03743	0.92096	0.04244	0.01134	4.61%	0.03343	0.02380	0.04104	3.63%	2.58%	4.46%	1.7242	0.02740	4.05%
032.42	2	0															
032.43	5	5	0.95574	0.07137	0.95574	0.07137	0.02257	7.47%	0.06378	0.04530	0.07823	6.67%	4.74%	8.19%	1.7269	0.04944	4.03%
032.44	1		0.89250														
033.00	1		1.5400														
033.01	6	5	1.5579	0.05591	1.5433	0.06968	0.02012	4.52%	0.05567	0.00725	0.05614	3.57%	0.47%	3.60%	7.7485	0.00750	3.75%
033.05	1		1.4100														
033.99	2	0															
034.01	1		2.6100														
034.04	2	0															
034.43	3	2	2.6320	0.35072	5.2613	4.5609	1.8620	86.69%	0.31951	0.20457	0.37938	12.14%	7.77%	14.41%	1.8545	3.8287	12.46%

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034.53	3	3	2.7733	0.25794	2.7733	0.25794	0.10530	9.30%	0.24893	0.09557	0.26665	8.98%	3.45%	9.61%	2.7901	0.11333	13.72%
035.32	1		0.65170														
035.41	9	8	0.77348	0.03598	0.78483	0.04267	0.01006	5.44%	0.03494	0.01219	0.03700	4.52%	1.58%	4.78%	3.0359	0.01772	4.15%
035.42	2	0															
035.43	5	3	0.76567	0.01681	0.67643	0.27790	0.08788	41.08%	0.01501	0.01069	0.01843	1.96%	1.40%	2.41%	1.7238	0.02930	4.24%
036.04	2	0															
036.42	2	0															
036.43	1		0.83500														
037.32	2	0															
037.33	1		130.25														
037.41	7	7	116.88	4.8207	116.50	4.6057	1.2309	3.95%	3.7520	4.2807	5.6922	3.21%	3.66%	4.87%	1.3298	5.0657	7.82%
037.42	1		122.70														
037.43	6	5	125.03	3.0133	124.77	2.5342	0.73157	2.03%	2.2377	2.8540	3.6267	1.79%	2.28%	2.90%	1.2707	6.3450	7.74%
037.44	1		126.50														
038.41	1		0.31415														
038.43	2	0															
038.53	2	0															
040.43	1		10.930														
041.53	1		6.2100														
057.00	1		598.50														
057.01	2	0															
057.99	1		413.50														
101.01	1		1,225.0														
102.01	1		109.00														
103.01	1		10.265														
104.00	1		3.3800														
104.03	1		5.3500														
105.00	1		1.6500														
106.02	2	0															
107.00	1		284.00														
108.01	1		1.4250														
108.02	1		1.5500														
108.99	1		1.5750														
109.02	2	0															
113.01	1		0.30500														
114.01	1		0.32000														
120.00	3	3	4.0083	0.14835	4.0083	0.14835	0.06056	3.70%	0.14526	0.04262	0.15138	3.62%	1.06%	3.78%	3.5517	0.04333	3.25%
120.02	1		3.8300														

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120.05	1		4.1460														
121.00	3	3	3.9400	0.22271	3.9400	0.22271	0.09092	5.65%	0.22083	0.04082	0.22457	5.60%	1.04%	5.70%	5.5009	0.04667	3.25%
121.02	1		3.9700														
121.05	1		4.1410														
122.00	3	3	6.0467	0.53755	6.0467	0.53755	0.21945	8.89%	0.53728	0.02380	0.53781	8.89%	0.39%	8.89%	22.593	0.02667	3.05%
122.02	1		5.5600														
122.05	1		6.1455														
124.00	3	3	0.49333	0.01607	0.49333	0.01607	0.00656	3.26%	0.01555	0.00577	0.01658	3.15%	1.17%	3.36%	2.8723	0.00667	4.45%
124.02	1		0.62000														
124.99	1		0.39550														
125.00	3	2	9.6600	1.4708	9.1700	1.3423	0.54801	14.64%	1.4708	0.00000	1.4708	15.23%	0.00%	15.23%		0.10667	2.87%
125.02	1		7.5850														
125.05	1		8.8355														
126.00	3	3	4.8267	0.28378	4.8267	0.28378	0.11585	5.88%	0.28231	0.04082	0.28525	5.85%	0.85%	5.91%	6.9871	0.04667	3.16%
126.02	1		4.7300														
126.05	1		5.0250														
127.00	3	3	1.4483	0.09005	1.4483	0.09005	0.03676	6.22%	0.08888	0.02041	0.09120	6.14%	1.41%	6.30%	4.4677	0.02333	3.78%
127.02	1		1.3650														
127.05	1		1.4710														
128.00	3	3	2.5750	0.06614	2.5750	0.06614	0.02700	2.57%	0.06325	0.02739	0.06892	2.46%	1.06%	2.68%	2.5166	0.03000	3.47%
128.02	1		2.4800														
128.05	1		2.6600														
129.00	3	3	4.6250	0.15500	4.6250	0.15500	0.06328	3.35%	0.15379	0.02739	0.15620	3.33%	0.59%	3.38%	5.7038	0.03000	3.18%
129.02	1		4.4800														
129.05	1		4.6605														
130.00	3	3	4.9500	0.13229	4.9500	0.13229	0.05401	2.67%	0.12477	0.06218	0.13940	2.52%	1.26%	2.82%	2.2418	0.06667	3.14%
130.02	1		4.8650														
130.05	1		4.9810														
131.00	3	3	1.6617	0.13156	1.6617	0.13156	0.05371	7.92%	0.12871	0.03851	0.13435	7.75%	2.32%	8.09%	3.4883	0.04333	3.71%
131.02	1		1.9850														
131.99	1		1.9400														
132.00	3	3	2.6000	0.05220	2.6000	0.05220	0.02131	2.01%	0.04941	0.02380	0.05485	1.90%	0.92%	2.11%	2.3041	0.02667	3.46%
132.02	1		2.4450														
132.05	1		2.6130														
133.00	3	3	3.2717	0.41123	3.2717	0.41123	0.16788	12.57%	0.40435	0.10591	0.41799	12.36%	3.24%	12.78%	3.9467	0.11667	3.35%
133.05	1		3.2090														
133.99	1		5.9450														
134.00	3	2	2.7525	0.26517	2.6133	0.30538	0.12467	11.69%	0.26514	0.00500	0.26519	9.63%	0.18%	9.63%	53.038	0.07333	3.46%

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134.02	1		2.4300														
134.05	1		2.6635														
135.00	3	3	2.6683	0.07816	2.6683	0.07816	0.03191	2.93%	0.07572	0.02739	0.08052	2.84%	1.03%	3.02%	2.9401	0.03000	3.45%
135.02	1		2.5400														
135.05	1		2.8460														
136.00	1		0.68500														
136.01	1		0.55250														
136.02	1		0.58500														
136.99	1		0.59000														
137.00	3	3	2.0900	0.10500	2.0900	0.10500	0.04287	5.02%	0.10460	0.01291	0.10540	5.00%	0.62%	5.04%	8.1639	0.01333	3.58%
137.02	1		1.9800														
137.05	1		2.0030														
138.00	3	3	3.0183	0.06752	3.0183	0.06752	0.02756	2.24%	0.06721	0.00913	0.06782	2.23%	0.30%	2.25%	7.4297	0.01000	3.39%
138.02	1		2.4700														
138.05	1		3.3670														
139.00	2	0															
139.02	1		0.29500														
139.05	1		0.39500														
400.01	1		0.27500														
516.00	1		3.9775														
516.43	2	0															
516.53	2	0															
518.43	1		0.04000														
518.53	3	3	0.09188	0.00875	0.09188	0.00875	0.00357	9.52%	0.00818	0.00440	0.00929	8.90%	4.79%	10.11%	2.1115	0.00477	22.91%
520.43	2	0															
520.53	2	0															
526.43	2	0															
526.53	3	3	2.0167	0.09828	2.0167	0.09828	0.04012	4.87%	0.08451	0.07095	0.11034	4.19%	3.52%	5.47%	1.5553	0.07333	14.39%
529.99	4	4	83.525	6.6935	83.525	6.6935	2.3665	8.01%	5.4852	5.4249	7.7148	6.57%	6.49%	9.24%	1.4221	6.8000	8.22%
539.43	2	0															
539.53	2	0															
640.01	1		124.40														
650.01	1		19.000														