

AAFCO Check Sample Program
All Methods Report



Proficiency For Individual Methods
Sample # 201543
Pork and Bone Meal
Pet Food Program

Labs Reporting: 58
Issue Date : 10/31/2015

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
001.00	5	4	4.3585	0.50679	4.3585	0.50679	0.25339	11.63%	0.50392	0.07621	0.50965	11.56%	1.75%	11.69%	6.6873	0.09222	3.20%
001.03	1		4.8600														
001.07	6	5	4.4605	0.16793	4.4605	0.16793	0.05310	3.76%	0.16511	0.04339	0.17071	3.70%	0.97%	3.83%	3.9346	0.05500	3.19%
001.99	2	0															
002.01	3	3	48.676	1.1641	48.676	1.1641	0.67210	2.39%	1.0894	0.58014	1.2343	2.24%	1.19%	2.54%	2.1275	0.73933	1.43%
002.02	1		49.430														
002.04	1		50.020														
002.05	1		48.780														
002.06	46	42	49.415	0.63624	49.492	0.58903	0.06209	1.19%	0.54098	0.47357	0.71898	1.09%	0.96%	1.45%	1.5182	0.56433	1.42%
002.08	1		49.310														
002.11	3	3	48.410	2.3702	48.410	2.3702	1.3684	4.90%	2.3180	0.69988	2.4213	4.79%	1.45%	5.00%	3.4596	0.82667	1.44%
002.99	3	3	48.950	0.72111	48.950	0.72111	0.41633	1.47%	0.58095	0.60415	0.83815	1.19%	1.23%	1.71%	1.3873	0.70000	1.43%
003.00	1		11.723														
003.01	1		10.300														
003.06	2	0															
003.09	3	3	11.675	0.07000	11.675	0.07000	0.04041	0.60%	0.05299	0.06468	0.08362	0.45%	0.55%	0.72%	1.2928	0.09000	2.76%
003.10	3	3	11.455	0.18424	11.455	0.18424	0.10637	1.61%	0.16979	0.10115	0.19764	1.48%	0.88%	1.73%	1.9539	0.10460	2.77%
003.11	2	0															
003.12	1		11.795														
003.13	3	3	10.813	0.89389	10.813	0.89389	0.51609	8.27%	0.89116	0.09866	0.89660	8.24%	0.91%	8.29%	9.0880	0.10667	2.80%
003.14	5	5	11.605	0.23579	11.605	0.23579	0.10545	2.03%	0.17342	0.22594	0.28482	1.49%	1.95%	2.45%	1.2606	0.24456	2.77%
003.99	3	3	12.197	1.2087	12.197	1.2087	0.69784	9.91%	1.1966	0.24138	1.2207	9.81%	1.98%	10.01%	5.0570	0.26667	2.75%
004.00	9	8	1.9326	0.43674	1.8496	0.32214	0.07593	17.42%	0.43232	0.08763	0.44111	22.37%	4.53%	22.82%	5.0339	0.11383	3.65%
004.06	2	0															
004.07	11	10	2.3084	0.48907	2.4471	0.47621	0.10153	19.46%	0.47221	0.18007	0.50538	20.46%	7.80%	21.89%	2.8065	0.23465	3.50%
004.11	1		1.5800														
005.00	34	33	22.905	0.48732	22.932	0.55460	0.06725	2.42%	0.36918	0.44987	0.58196	1.61%	1.96%	2.54%	1.2936	0.47911	2.09%
005.05	3	2	23.266	0.04861	23.266	0.04861	0.03438	0.21%	0.04763	0.01375	0.04958	0.20%	0.06%	0.21%	3.6056	0.22917	2.07%
005.11	2	0															
005.99	6	6	22.697	1.0141	22.846	0.81693	0.23583	3.58%	0.99396	0.28422	1.0338	4.38%	1.25%	4.55%	3.6373	0.30000	2.09%
006.01	1		0.20000														
008.02	3	3	5.0460	0.40783	5.0460	0.40783	0.23546	8.08%	0.36002	0.27097	0.45060	7.13%	5.37%	8.93%	1.6629	0.35350	3.13%

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008.08	5	5	6.2268	0.97782	6.2268	0.97782	0.43729	15.70%	0.94908	0.33282	1.0057	15.24%	5.34%	16.15%	3.0219	0.35972	3.04%
009.07	1		28.387														
009.09	4	4	29.257	2.8183	29.257	2.8183	1.4092	9.63%	2.7441	0.90869	2.8906	9.38%	3.11%	9.88%	3.1811	1.1642	1.85%
010.03	1		5.1300														
010.11	3	3	4.4333	0.65256	4.4333	0.65256	0.37676	14.72%	0.65056	0.07211	0.65455	14.67%	1.63%	14.76%	9.0770	0.09333	3.20%
010.99	6	5	4.1250	0.50951	4.3550	0.32216	0.09300	7.40%	0.50513	0.09429	0.51385	12.25%	2.29%	12.46%	5.4499	0.10333	3.21%
011.01	30	27	5.2001	0.23535	5.1916	0.22694	0.03033	4.37%	0.22400	0.10214	0.24619	4.31%	1.96%	4.73%	2.4104	0.11631	3.12%
011.02	3	2	5.0475	0.11667	5.0475	0.11667	0.08250	2.31%	0.10977	0.05590	0.12319	2.17%	1.11%	2.44%	2.2036	0.32233	3.13%
011.03	1		5.1950														
012.00	1		3.3000														
012.01	1		4.1350														
012.02	1		4.8550														
012.03	1		4.3750														
012.04	1		4.7000														
013.00	9	9	13.272	0.51199	13.272	0.58059	0.13685	4.37%	0.47452	0.27188	0.54689	3.58%	2.05%	4.12%	2.0115	0.30310	2.71%
013.02	26	24	13.306	0.34773	13.279	0.32672	0.04531	2.46%	0.32443	0.17696	0.36955	2.44%	1.33%	2.78%	2.0884	0.24851	2.71%
013.12	1		13.155														
013.13	2	0															
015.41	1		1.4500														
015.43	1		11.000														
015.53	1		35.050														
017.43	1		2.0000														
019.31	4	4	7.6313	0.17566	7.6313	0.17566	0.08783	2.30%	0.15358	0.12057	0.19526	2.01%	1.58%	2.56%	1.6194	0.14250	2.95%
019.32	1		8.4855														
019.33	1		7.7870														
019.41	10	10	7.7278	0.25957	7.7315	0.28618	0.06399	3.70%	0.16174	0.28710	0.32953	2.09%	3.72%	4.26%	1.1478	0.30099	2.94%
019.42	4	4	7.9913	0.60732	7.9913	0.60732	0.30366	7.60%	0.57057	0.29426	0.64198	7.14%	3.68%	8.03%	2.1817	0.37850	2.93%
019.43	7	7	7.8025	0.70667	7.8509	0.69587	0.18598	8.86%	0.68072	0.26834	0.73170	8.72%	3.44%	9.38%	2.7267	0.34816	2.93%
019.44	5	5	7.7749	0.64208	7.7749	0.64208	0.28715	8.26%	0.61491	0.26138	0.66816	7.91%	3.36%	8.59%	2.5563	0.31110	2.94%
019.53	1		7.7360														
021.41	1		0.25000														
021.43	2	0															
021.52	1		0.08650														
021.53	1		0.07985														
022.31	1		21.920														
022.32	1		31.785														
022.33	2	0															
022.41	10	9	23.375	2.9628	23.826	3.0382	0.67936	12.75%	2.9111	0.77918	3.0136	12.45%	3.33%	12.89%	3.8676	0.95472	9.93%
022.42	3	3	27.588	3.8480	27.588	3.8480	2.2216	13.95%	3.7697	1.0925	3.9248	13.66%	3.96%	14.23%	3.5926	1.5100	9.71%
022.43	6	6	24.741	1.7867	24.741	2.0261	0.58490	8.19%	1.7106	0.72970	1.8597	6.91%	2.95%	7.52%	2.5486	0.70500	9.87%
022.44	3	3	24.633	2.0966	24.633	2.0966	1.2105	8.51%	2.0714	0.45826	2.1215	8.41%	1.86%	8.61%	4.6295	0.60000	9.88%
022.52	1		25.500														
022.53	1		23.350														

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024.99	3	3	1.9367	0.17567	1.9367	0.17567	0.10142	9.07%	0.16230	0.09504	0.18808	8.38%	4.91%	9.71%	1.9789	0.10667	14.48%
025.31	2	0															
025.32	1		245.85														
025.33	1		253.95														
025.41	13	12	247.37	14.544	247.16	14.336	2.8116	5.80%	12.355	10.851	16.444	4.99%	4.39%	6.65%	1.5154	15.072	6.98%
025.42	2	0															
025.43	7	7	244.24	21.184	249.60	8.4998	2.2717	3.41%	19.653	11.184	22.612	8.05%	4.58%	9.26%	2.0218	11.843	6.97%
025.52	1		265.00														
025.53	1		222.70														
027.31	4	4	0.23765	0.00843	0.23765	0.00843	0.00422	3.55%	0.00812	0.00322	0.00874	3.42%	1.36%	3.68%	2.7122	0.00375	4.97%
027.32	1		0.23860														
027.33	1		0.21430														
027.41	10	10	0.24392	0.00972	0.24283	0.00915	0.00205	3.77%	0.00586	0.01095	0.01243	2.40%	4.49%	5.09%	1.1343	0.01181	4.95%
027.42	3	3	0.25743	0.02179	0.25743	0.02179	0.01258	8.46%	0.01666	0.01986	0.02592	6.47%	7.71%	10.07%	1.3055	0.02300	4.91%
027.43	6	6	0.24039	0.02642	0.24175	0.02687	0.00776	11.11%	0.02511	0.01162	0.02767	10.45%	4.83%	11.51%	2.3820	0.01392	4.95%
027.44	5	4	0.22463	0.00557	0.22463	0.00557	0.00279	2.48%	0.00326	0.00639	0.00718	1.45%	2.85%	3.19%	1.1225	0.00860	5.01%
027.53	1		0.22815														
028.31	1		23.055														
028.32	1		20.430														
028.33	1		18.880														
028.41	10	9	18.558	1.3106	18.935	0.93963	0.21011	4.96%	1.2651	0.48431	1.3546	6.82%	2.61%	7.30%	2.7970	0.49581	10.28%
028.42	3	3	19.908	5.0382	19.908	5.0382	2.9088	25.31%	4.9444	1.3685	5.1303	24.84%	6.87%	25.77%	3.7487	1.6633	10.20%
028.43	6	6	19.694	4.5800	19.391	4.5047	1.3004	23.23%	4.4102	1.7475	4.7438	22.39%	8.87%	24.09%	2.7146	1.8517	10.24%
028.44	4	4	17.788	1.9120	17.788	1.9120	0.95598	10.75%	1.8825	0.47302	1.9410	10.58%	2.66%	10.91%	4.1034	0.52500	10.37%
028.52	1		22.200														
031.01	3	3	3.9783	0.17821	3.9783	0.17821	0.10289	4.48%	0.17725	0.02614	0.17916	4.46%	0.66%	4.50%	6.8539	0.03667	3.25%
031.02	1		3.8400														
031.03	3	3	3.8270	0.37379	3.8270	0.37379	0.21581	9.77%	0.35618	0.16034	0.39060	9.31%	4.19%	10.21%	2.4362	0.19267	3.27%
031.41	9	8	3.9981	0.24335	3.9208	0.25322	0.05968	6.46%	0.22921	0.11563	0.25672	5.73%	2.89%	6.42%	2.2202	0.12101	3.26%
031.42	5	4	4.2830	0.02962	4.2830	0.02962	0.01481	0.69%		0.14277			3.33%			0.19526	3.21%
031.43	7	7	4.1170	0.43346	4.1170	0.49154	0.13137	11.94%	0.41827	0.16088	0.44814	10.16%	3.91%	10.89%	2.7855	0.18829	3.23%
031.44	5	5	3.8829	0.23634	3.8829	0.23634	0.10569	6.09%	0.18889	0.20089	0.27575	4.86%	5.17%	7.10%	1.3726	0.23210	3.26%
031.53	1		3.9950														
032.02	1		0.50000														
032.31	2	0															
032.41	10	9	0.55290	0.02712	0.55375	0.02721	0.00608	4.91%	0.02519	0.01423	0.02893	4.56%	2.57%	5.23%	2.0335	0.02050	4.37%
032.42	4	4	0.53473	0.04298	0.53473	0.04298	0.02149	8.04%	0.04185	0.01386	0.04408	7.83%	2.59%	8.24%	3.1802	0.01870	4.39%
032.43	6	6	0.56673	0.04657	0.56084	0.04069	0.01175	7.26%	0.04568	0.01282	0.04744	8.06%	2.26%	8.37%	3.7001	0.01152	4.36%
032.44	5	5	0.56465	0.04401	0.56465	0.04401	0.01968	7.79%	0.04337	0.01053	0.04463	7.68%	1.87%	7.90%	4.2378	0.01190	4.36%
032.53	1		0.55350														
032.99	1		0.53300														
033.00	1		0.55000														
033.01	6	6	0.63158	0.04463	0.63925	0.03451	0.00996	5.40%	0.04393	0.01118	0.04533	6.95%	1.77%	7.18%	4.0529	0.01183	4.28%

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033.99	2	0															
034.01	1		0.73100														
034.04	1		0.76500														
034.43	1		0.52150														
034.52	1		0.84500														
034.53	3	3	0.90615	0.08205	0.90615	0.08205	0.04737	9.05%	0.08000	0.02574	0.08404	8.83%	2.84%	9.27%	3.2649	0.02463	16.24%
034.99	2	0															
035.31	3	3	0.50783	0.01602	0.50783	0.01602	0.00925	3.15%	0.00996	0.01774	0.02035	1.96%	3.49%	4.01%	1.1467	0.02433	4.43%
035.41	13	13	0.52411	0.02197	0.52420	0.01826	0.00358	3.48%	0.02110	0.00869	0.02282	4.03%	1.66%	4.35%	2.6254	0.00926	4.41%
035.42	4	4	0.54280	0.03314	0.54280	0.03314	0.01657	6.10%	0.03158	0.01418	0.03462	5.82%	2.61%	6.38%	2.4412	0.01365	4.38%
035.43	6	6	0.52791	0.07248	0.52173	0.06838	0.01974	13.11%	0.07215	0.00988	0.07282	13.67%	1.87%	13.79%	7.3681	0.01238	4.41%
035.53	1		0.48235														
036.04	2	0															
036.42	7	7	0.41267	0.01133	0.41781	0.00503	0.00134	1.20%	0.00921	0.00932	0.01310	2.23%	2.26%	3.18%	1.4060	0.00974	4.56%
036.43	5	5	0.46579	0.01244	0.46579	0.01244	0.00556	2.67%		0.01764			3.79%			0.02018	4.49%
037.31	2	0															
037.32	1		144.75														
037.33	1		128.95														
037.41	10	9	147.87	15.252	147.83	12.621	2.9748	8.54%	14.727	5.6092	15.759	9.96%	3.79%	10.66%	2.8095	5.6753	7.54%
037.42	3	2	156.13	0.16617	156.13	0.16617	0.11750	0.11%		3.0187			1.93%			2.7167	7.48%
037.43	7	7	144.99	14.546	143.05	11.959	3.1961	8.36%	13.882	6.1417	15.180	9.57%	4.24%	10.47%	2.4717	7.2829	7.58%
037.44	3	3	145.83	8.1292	145.83	8.1292	4.6934	5.57%	8.1035	0.91287	8.1548	5.56%	0.63%	5.59%	8.9331	1.0000	7.56%
037.52	1		143.50														
038.42	1		0.47405														
038.43	2	0															
038.52	1		0.55000														
038.53	2	0															
040.52	1		2.8500														
041.52	1		0.40000														
041.53	1		0.19700														
042.00	2	0															
042.99	1		0.40600														
101.01	1		860.00														
102.01	2	0															
103.02	2	0															
104.02	2	0															
104.03	1		7.5000														
105.00	1		1.7800														
105.99	2	0															
106.02	2																
107.00	2	0															
108.01	1		1.7050														
108.99	3																

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109.02	2	0															
112.00	2	0															
113.01	2	0															
114.01	2	0															
120.00	4	4	3.6573	0.15555	3.6573	0.15555	0.07778	4.25%	0.11138	0.15356	0.18970	3.05%	4.20%	5.19%	1.2354	0.15560	3.29%
120.01	3	3	3.5350	0.08544	3.5350	0.08544	0.04933	2.42%	0.05485	0.09265	0.10766	1.55%	2.62%	3.05%	1.1621	0.13000	3.31%
120.02	1		3.3750														
121.00	4	4	3.4035	0.25716	3.4035	0.25716	0.12858	7.56%	0.24743	0.09909	0.26654	7.27%	2.91%	7.83%	2.6898	0.11615	3.33%
121.01	3	3	3.4233	0.04752	3.4233	0.04752	0.02744	1.39%		0.08737			2.55%			0.11333	3.32%
121.02	1		3.0850														
122.00	4	4	3.6978	0.10162	3.6978	0.10162	0.05081	2.75%	0.07869	0.09093	0.12025	2.13%	2.46%	3.25%	1.3224	0.09195	3.29%
122.01	3	3	3.4950	0.07263	3.4950	0.07263	0.04193	2.08%		0.14242			4.07%			0.16333	3.31%
122.02	1		3.3750														
124.00	4	4	0.43376	0.04836	0.43376	0.04836	0.02418	11.15%	0.04783	0.01006	0.04888	11.03%	2.32%	11.27%	4.8571	0.01118	4.54%
124.01	3	3	0.39983	0.03712	0.39983	0.03712	0.02143	9.28%	0.03125	0.02831	0.04217	7.82%	7.08%	10.55%	1.4895	0.03033	4.59%
124.02	1		0.41500														
125.00	4	4	6.2648	0.18260	6.2648	0.18260	0.09130	2.91%	0.17000	0.09426	0.19438	2.71%	1.50%	3.10%	2.0623	0.12980	3.03%
125.01	3	3	6.0667	0.09292	6.0667	0.09292	0.05364	1.53%		0.18257			3.01%			0.20000	3.05%
125.02	1		6.0600														
126.00	3	3	6.2232	0.45450	6.2232	0.45450	0.26241	7.30%	0.44587	0.12464	0.46297	7.16%	2.00%	7.44%	3.7145	0.16250	3.04%
126.01	3	3	6.1267	0.30464	6.1267	0.30464	0.17589	4.97%	0.26682	0.20793	0.33827	4.36%	3.39%	5.52%	1.6269	0.27333	3.04%
126.02	1		6.3550														
127.00	4	4	0.94396	0.06840	0.94396	0.06840	0.03420	7.25%	0.06314	0.03721	0.07329	6.69%	3.94%	7.76%	1.9693	0.04048	4.03%
127.01	3	3	0.81567	0.08415	0.81567	0.08415	0.04858	10.32%	0.08337	0.01616	0.08492	10.22%	1.98%	10.41%	5.2565	0.02000	4.12%
127.02	1		0.82000														
128.00	4	4	1.3899	0.06481	1.3899	0.06481	0.03241	4.66%	0.05644	0.04506	0.07222	4.06%	3.24%	5.20%	1.6027	0.06090	3.81%
128.01	3	3	1.4117	0.06526	1.4117	0.06526	0.03768	4.62%	0.04983	0.05958	0.07767	3.53%	4.22%	5.50%	1.3037	0.06333	3.80%
128.02	1		1.1900														
129.00	4	4	3.1180	0.11776	3.1180	0.11776	0.05888	3.78%	0.11215	0.05081	0.12312	3.60%	1.63%	3.95%	2.4233	0.05588	3.37%
129.01	3	3	2.9917	0.13288	2.9917	0.13288	0.07672	4.44%	0.11409	0.09635	0.14933	3.81%	3.22%	4.99%	1.5499	0.11667	3.39%
129.02	1		2.8950														
130.00	4	3	2.5233	0.08312	2.5233	0.08312	0.04799	3.29%	0.08302	0.00577	0.08322	3.29%	0.23%	3.30%	14.414	0.01973	3.48%
130.01	3	3	2.2933	0.06752	2.2933	0.06752	0.03898	2.94%	0.06436	0.02887	0.07053	2.81%	1.26%	3.08%	2.4434	0.04000	3.53%
130.02	1		2.2200														
130.05	1		2.5475														
131.00	4	4	0.71888	0.02829	0.71888	0.02829	0.01414	3.93%	0.02132	0.02628	0.03384	2.97%	3.66%	4.71%	1.2878	0.03625	4.20%
131.01	3	3	0.74983	0.04080	0.74983	0.04080	0.02355	5.44%	0.02134	0.04917	0.05360	2.85%	6.56%	7.15%	1.0901	0.06900	4.18%
131.02	1		0.66500														
132.00	4	4	1.6752	0.06863	1.6752	0.06863	0.03432	4.10%	0.06651	0.02393	0.07069	3.97%	1.43%	4.22%	2.9537	0.03145	3.70%
132.01	3	3	1.6450	0.06265	1.6450	0.06265	0.03617	3.81%	0.04848	0.05612	0.07416	2.95%	3.41%	4.51%	1.3214	0.06333	3.71%
132.02	1		1.6550														
133.00	3	3	4.4524	0.45084	4.4524	0.45084	0.26030	10.13%	0.44863	0.06305	0.45304	10.08%	1.42%	10.18%	7.1851	0.08540	3.19%
133.04	1		4.3900														

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
133.99	3	3	4.2100	0.21656	4.2100	0.21656	0.12503	5.14%	0.19791	0.12437	0.23374	4.70%	2.95%	5.55%	1.8794	0.13333	3.22%
134.00	4	3	1.9418	0.01016	1.9418	0.01016	0.00586	0.52%		0.06324			3.26%			0.08978	3.62%
134.01	3	3	1.8567	0.05132	1.8567	0.05132	0.02963	2.76%		0.07572			4.08%			0.09333	3.64%
134.02	1		1.8900														
135.00	4	4	1.6029	0.01139	1.6029	0.01139	0.00569	0.71%		0.02332			1.45%			0.02805	3.73%
135.01	3	3	1.5467	0.06526	1.5467	0.06526	0.03768	4.22%	0.04406	0.06807	0.08109	2.85%	4.40%	5.24%	1.1912	0.08000	3.75%
135.02	1		1.5000														
136.00	2	0															
136.02	1		0.22000														
136.99	4	4	0.31900	0.04890	0.31900	0.04890	0.02445	15.33%	0.04576	0.02441	0.05186	14.34%	7.65%	16.26%	2.1247	0.03200	4.75%
137.00	4	4	1.1486	0.19489	1.1486	0.19489	0.09745	16.97%	0.19365	0.03105	0.19613	16.86%	2.70%	17.07%	6.3167	0.03338	3.92%
137.01	3	3	1.2400	0.05268	1.2400	0.05268	0.03041	4.25%	0.04233	0.04435	0.06131	3.41%	3.58%	4.94%	1.3824	0.05333	3.87%
137.02	1		1.0400														
138.00	4	4	2.0799	0.09606	2.0799	0.09606	0.04803	4.62%	0.08826	0.05364	0.10328	4.24%	2.58%	4.97%	1.9255	0.05830	3.58%
138.01	3	3	2.0433	0.11751	2.0433	0.11751	0.06784	5.75%	0.10905	0.06191	0.12540	5.34%	3.03%	6.14%	2.0254	0.08000	3.59%
138.02	1		1.7100														
139.00	4	3	0.07088	0.01345	0.07088	0.01345	0.00776	18.97%	0.01343	0.00086	0.01346	18.95%	1.21%	18.99%	15.703	0.00323	5.96%
139.01	1		0.05050														
400.99	1		0.38600														
516.52	1		0.14500														
516.53	2	0															
518.41	1		0.06000														
518.42	1		0.06110														
518.52	1		0.00000														
518.53	2	0															
520.41	1		2.6100														
520.43	1		0.57500														
520.52	1		0.78000														
520.53	2	0															
526.41	1		0.19500														
526.52	1		0.27500														
526.53	2	0															
539.41	1		1.3000														
539.52	1		1.3500														
539.53	2	0															